

Data File : VX003717.D
Acq On : 27 Jul 2018 15:18
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Aug 11 05:51:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	22170	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	121638	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	116003	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	48534	29.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.40%
60) 4-Bromofluorobenzene	11.14	95	57539	30.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.70%
63) Toluene-d8	8.72	98	154000	29.47	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.23%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	154487	131.926	ug/l	100
3) Chloromethane	1.32	50	215342	136.638	ug/l	98
4) Vinyl Chloride	1.40	62	230520	139.078	ug/l	100
5) Bromomethane	1.64	94	125789	126.968	ug/l	100
6) Chloroethane	1.70	64	143760	132.505	ug/l	98
7) Trichlorofluoromethane	1.92	101	309951	139.030	ug/l	99
8) Diethyl Ether	2.19	74	134163	140.394	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	183246	135.559	ug/l	95
10) 1,1-Dichloroethene	2.37	96	178734	140.620	ug/l	94
11) Methyl Iodide	2.50	142	279657	158.728	ug/l	89
12) Methyl Acetate	2.78	43	331375	140.900	ug/l	96
13) Acrolein	2.29	56	151802	827.579	ug/l	99
14) Acrylonitrile	3.16	53	648182	699.455	ug/l	99
15) Acetone	2.45	58	167918	667.750	ug/l	83
16) Carbon Disulfide	2.56	76	512964	145.323	ug/l	99
17) Allyl chloride	2.72	41	368204	139.972	ug/l	92
18) Methylene Chloride	2.85	84	206997	137.479	ug/l	98
19) trans-1,2-Dichloroethene	3.16	96	190757	138.841	ug/l	100
20) Diisopropyl ether	3.87	45	698151	144.522	ug/l	98
21) 1,1-Dichloroethane	3.69	63	377159	137.917	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	210287	151.565	ug/l #	73
23) tert-Butyl Alcohol	3.10	59	270502	694.913	ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	634702	139.234	ug/l	92
25) Chloroform	5.22	83	348529	147.162	ug/l	99
26) Cyclohexane	5.57	56	315942	153.784	ug/l #	96
29) 1,1-Dichloropropene	5.80	75	265483	147.797	ug/l	99
30) 2-Butanone	4.72	43	826965	720.928	ug/l	95
31) 2,2-Dichloropropane	4.59	77	244777	140.684	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	302853	147.362	ug/l	98
33) Carbon Tetrachloride	5.78	117	266309	149.119	ug/l	95
34) Benzene	6.15	78	794936	144.048	ug/l	99
35) Methacrylonitrile	5.07	41	176177	147.793	ug/l	92
36) 1,2-Dichloroethane	6.20	62	277198	139.745	ug/l	96
37) Trichloroethene	7.21	130	207261	144.092	ug/l	97
38) Methylcyclohexane	7.46	83	311868	152.793	ug/l	97
39) 1,2-Dichloropropane	7.52	63	211503	145.023	ug/l	97
40) Dibromomethane	7.66	93	135418	143.485	ug/l	98

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	267875	148.561	ug/l	98
42) Vinyl Acetate	3.83	43	3004565	681.668	ug/l	99
43) Ethyl Acetate	4.87	43	310055	144.706	ug/l	96
44) Isopropyl Acetate	6.48	43	494544	150.483	ug/l	95
45) 1,4-Dioxane	7.76	88	111069	3043.191	ug/l #	85
46) Methyl methacrylate	7.79	41	260470	153.626	ug/l	90
47) n-amyl Acetate	10.90	43	492180	158.628	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	331919	151.701	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	316773	154.307	ug/l	92
50) 1,1,2-Trichloroethane	9.22	97	207539	138.524	ug/l	99
51) Ethyl methacrylate	9.19	69	349233	154.807	ug/l	85
52) 1,3-Dichloropropane	9.38	76	349037	139.990	ug/l	99
53) Dibromochloromethane	9.59	129	221892	150.780	ug/l	100
54) 1,2-Dibromoethane	9.68	107	219889	140.346	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	887295	762.572	ug/l	100
56) Bromoform	10.86	173	185786	162.677	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	1692327	772.618	ug/l	93
59) 2-Hexanone	9.51	43	1334986	765.447	ug/l	93
61) Tetrachloroethene	9.34	164	191882	142.133	ug/l	98
62) Toluene	8.79	91	881242	146.363	ug/l	99
64) Chlorobenzene	10.14	112	574581	147.671	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	210711	153.048	ug/l	98
66) Ethyl Benzene	10.26	91	1010254	152.477	ug/l	99
67) m/p-Xylenes	10.37	106	782710	306.707	ug/l	98
68) o-Xylene	10.70	106	380315	155.776	ug/l	98
69) Styrene	10.71	104	654334	158.284	ug/l	97
70) Isopropylbenzene	11.02	105	1013820	150.824	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	355561	148.178	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	424487	212.657	ug/l	93
73) Bromobenzene	11.26	156	267343	147.580	ug/l	99
74) n-propylbenzene	11.37	91	1198198	151.338	ug/l	100
75) 2-Chlorotoluene	11.43	91	695022	148.939	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	880799	154.429	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	116104	170.692	ug/l	95
78) 4-Chlorotoluene	11.51	91	832779	152.523	ug/l	100
79) tert-butylbenzene	12.07	119	927089	157.977	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	898389	153.908	ug/l	98
81) sec-Butylbenzene	11.95	105	1027632	154.712	ug/l	99
82) p-Isopropyltoluene	12.07	119	927089	157.977	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	504933	152.630	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	511157	153.466	ug/l	100
85) n-Butylbenzene	12.39	91	853143	163.780	ug/l	100
86) Hexachloroethane	12.60	117	156747	165.751	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	515639	155.264	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	82967	163.814	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	370457	158.868	ug/l	100
90) Hexachlorobutadiene	13.79	225	159421	150.822	ug/l	99
91) Naphthalene	13.84	128	1127954	158.273	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	354260	149.190	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072718\
Quantitation Report (Not Reviewed)

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VSTDICC150

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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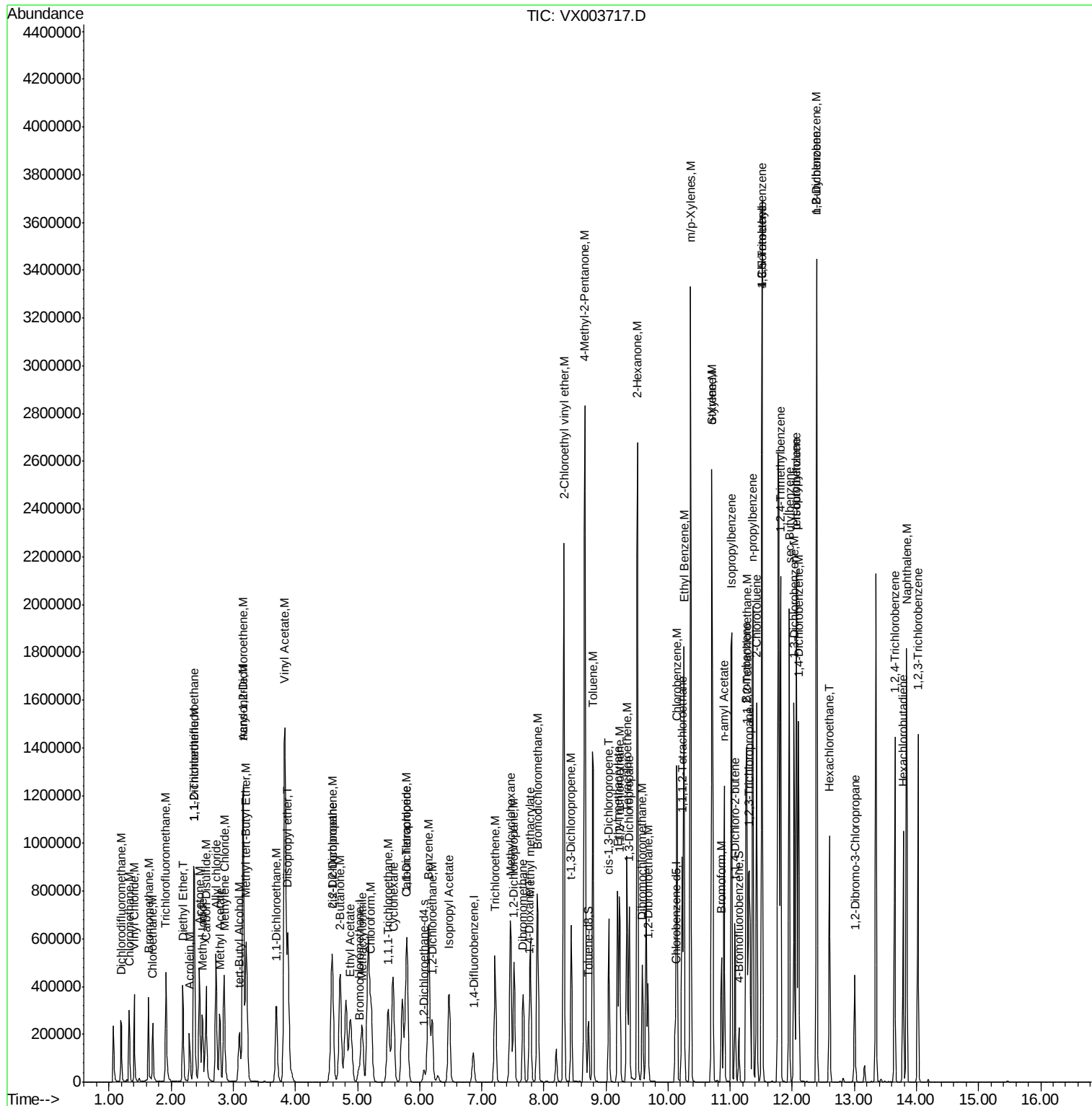
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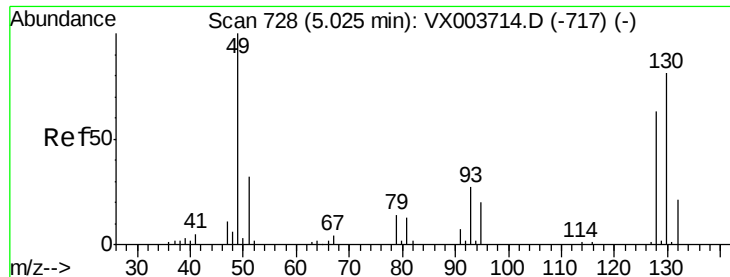
Data File : VX003717.D

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Acq On       : 27 Jul 2018   15:18
Operator     : JC/SP
Sample       : VSTDICC150
Misc         : 5.0mL/MSVOA_X/WATER
ALS Vial     : 6      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Aug 11 05:51:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

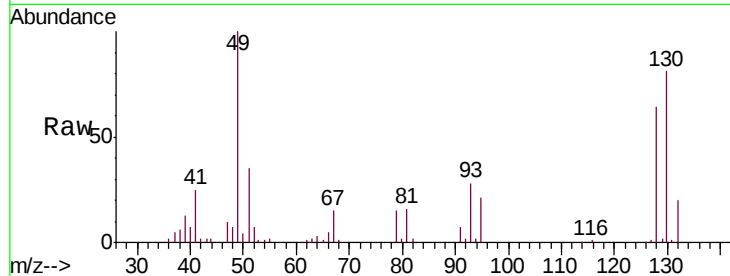
Tgt Ion:128 Resp: 22170

Ion Ratio Lower Upper

128 100

49 176.6 0.0 423.0

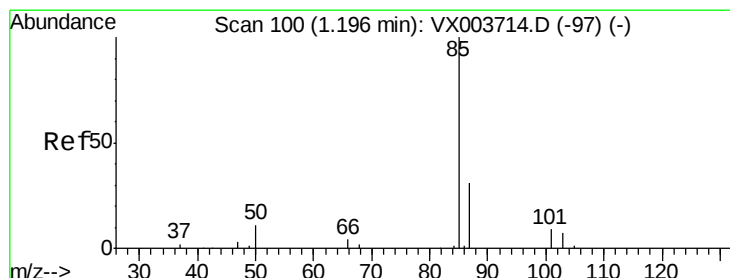
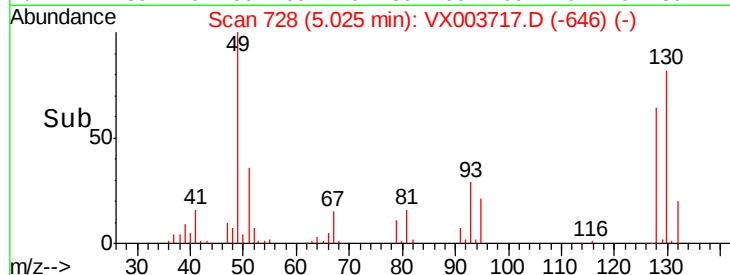
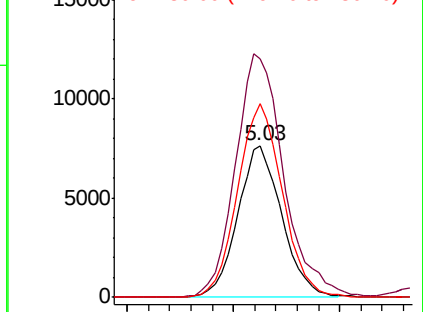
130 129.7 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 131.926 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX003717.D

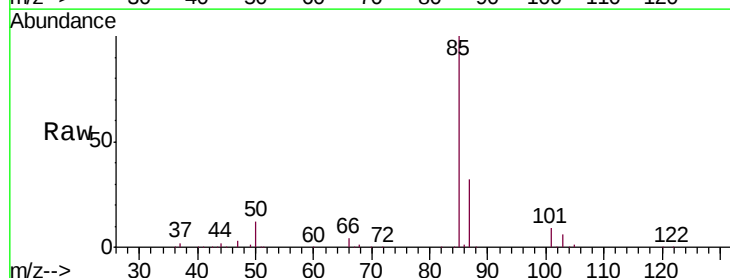
Acq: 27 Jul 2018 15:18

Tgt Ion: 85 Resp: 154487

Ion Ratio Lower Upper

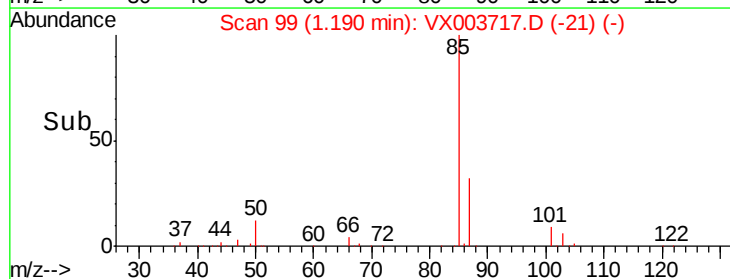
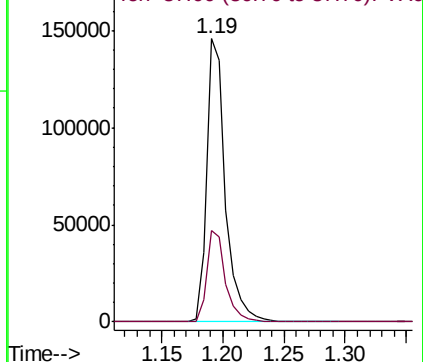
85 100

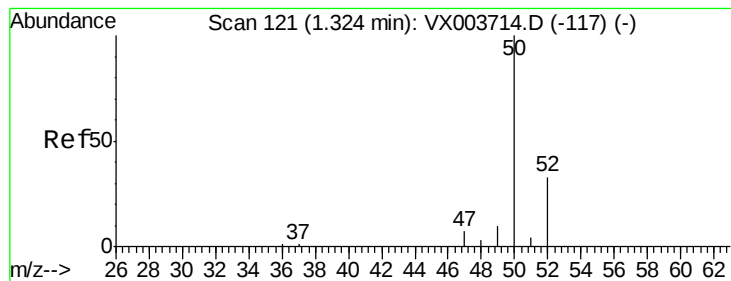
87 32.4 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 136.638 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

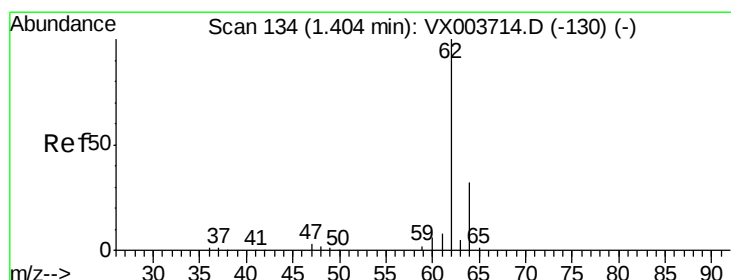
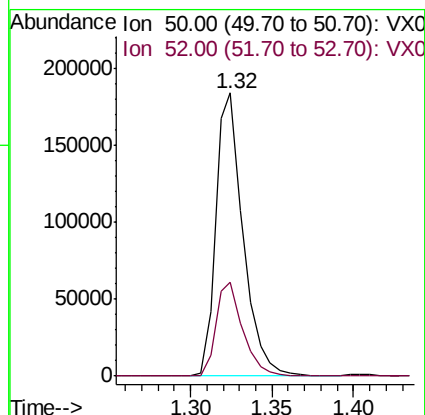
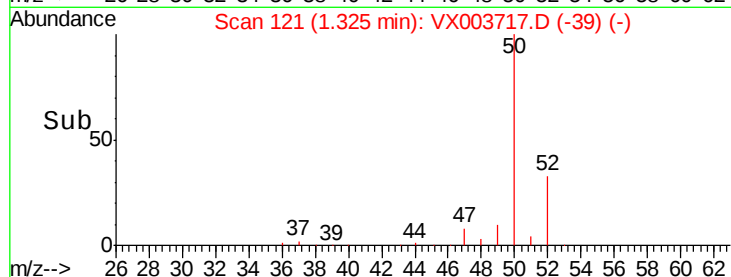
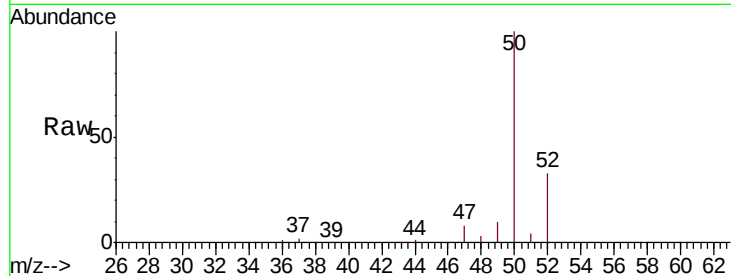
VSTDIC150

Tgt Ion: 50 Resp: 215342

Ion Ratio Lower Upper

50 100

52 33.0 25.6 38.4



#4

Vinyl Chloride

Concen: 139.078 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003717.D

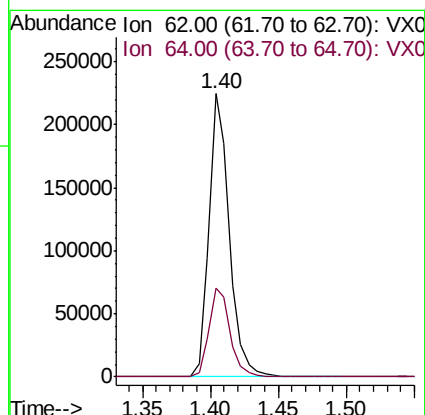
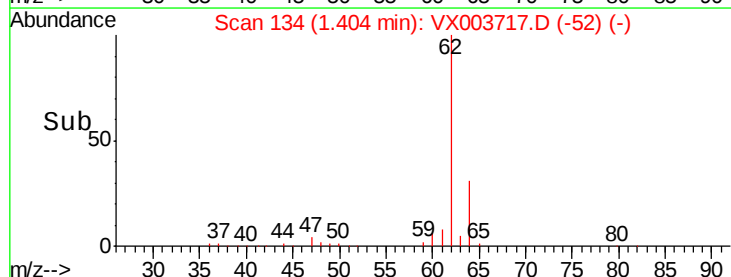
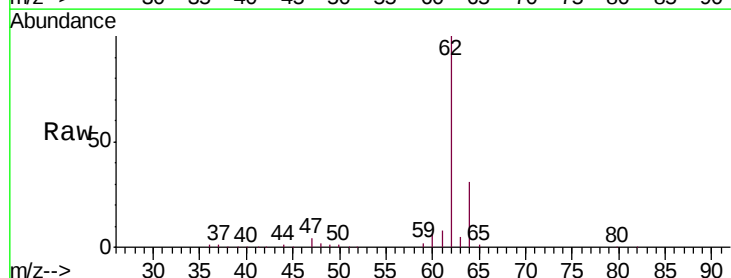
Acq: 27 Jul 2018 15:18

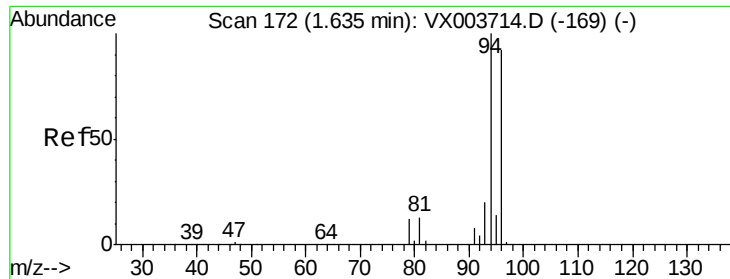
Tgt Ion: 62 Resp: 230520

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 126.968 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

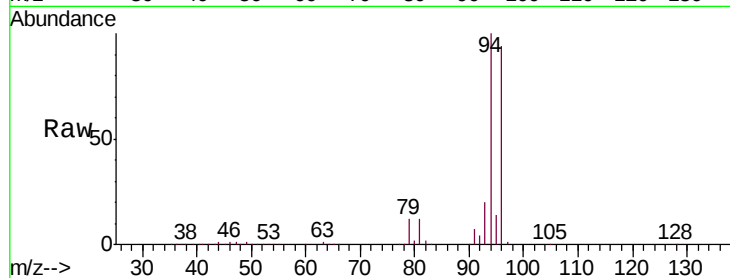
VSTDIC150

Tgt Ion: 94 Resp: 125789

Ion Ratio Lower Upper

94 100

96 94.4 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

150000

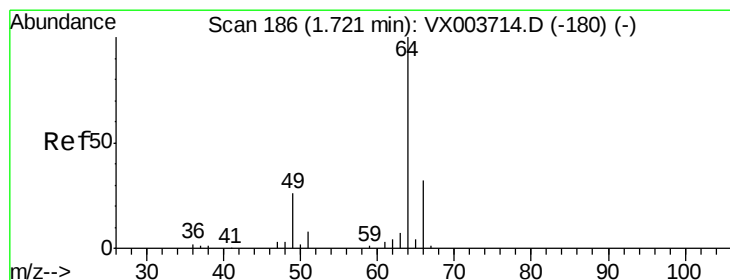
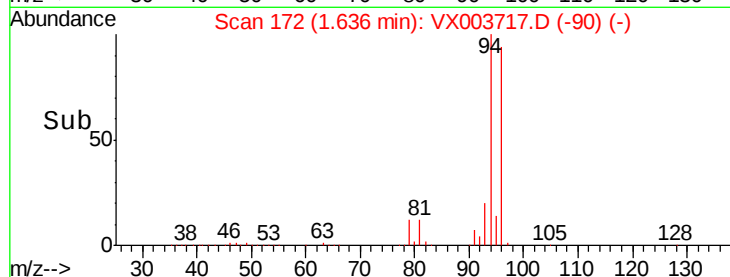
100000

50000

0

1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 132.505 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX003717.D

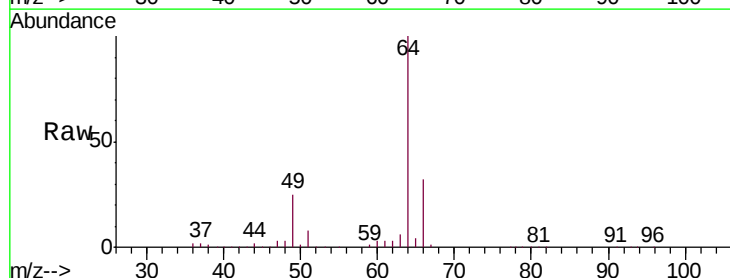
Acq: 27 Jul 2018 15:18

Tgt Ion: 64 Resp: 143760

Ion Ratio Lower Upper

64 100

66 31.7 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

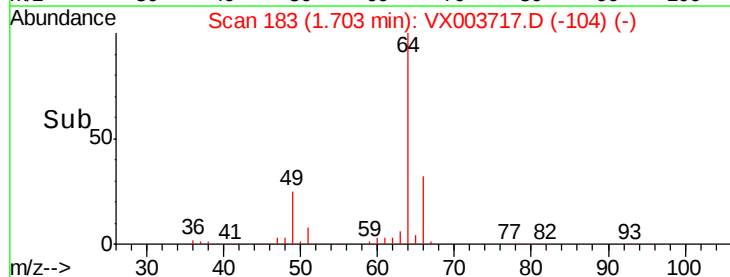
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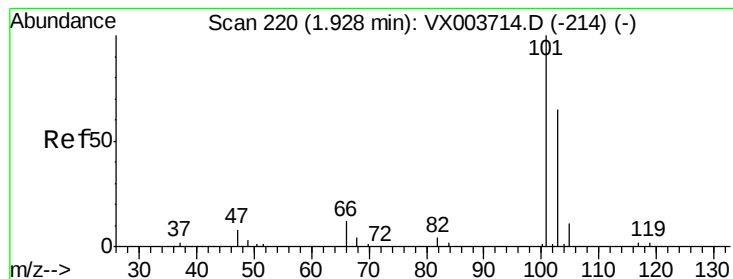
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0

1.65 1.70 1.75 1.80

Time-->



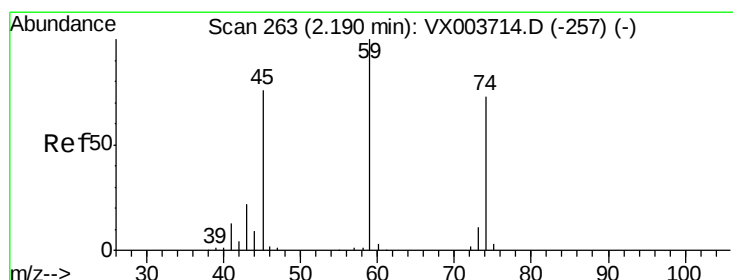
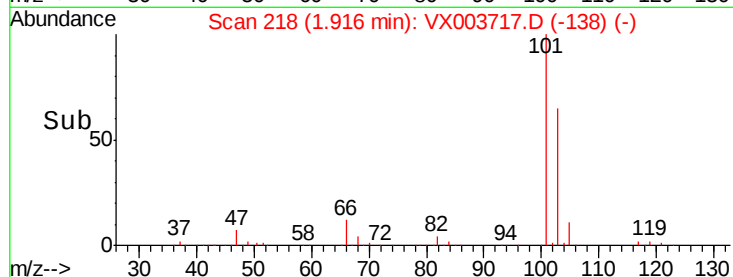
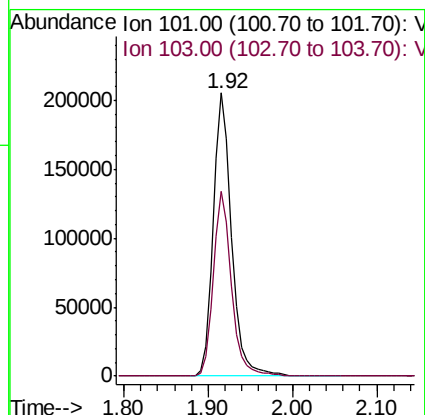
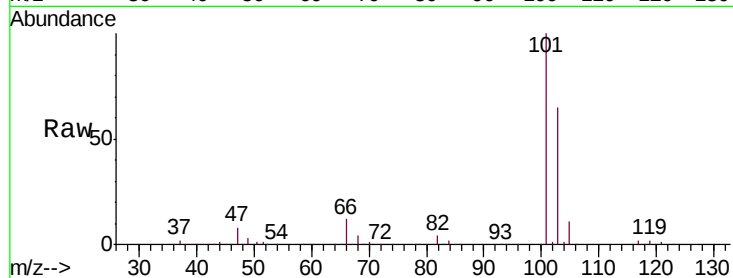


#7

Trichlorofluoromethane
 Concen: 139.030 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

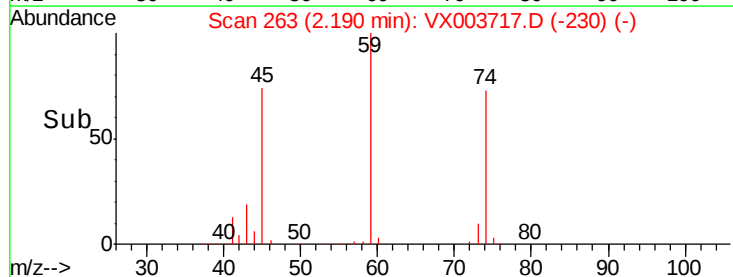
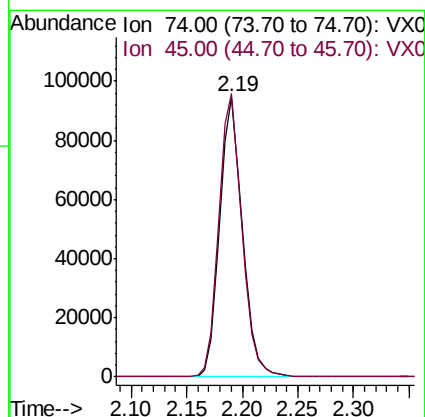
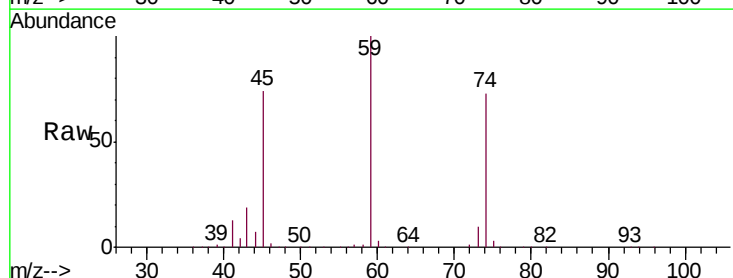
Tgt Ion: 101 Resp: 309951
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.5 77.3

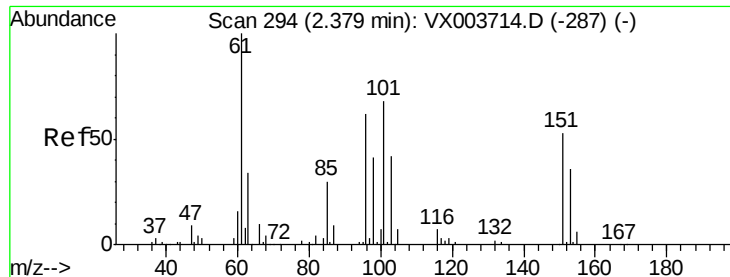


#8

Diethyl Ether
 Concen: 140.394 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion: 74 Resp: 134163
 Ion Ratio Lower Upper
 74 100
 45 101.9 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 135.559 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

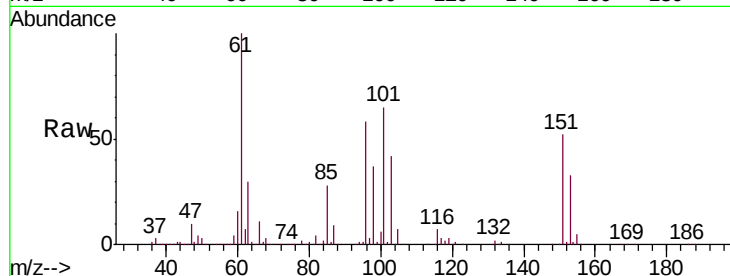
Tgt Ion:101 Resp: 183246

Ion Ratio Lower Upper

101 100

85 43.6 0.0 87.0

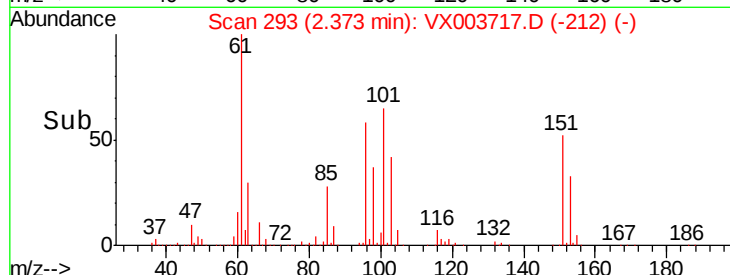
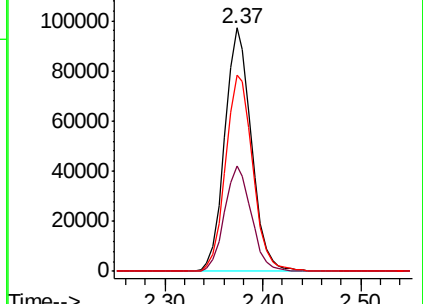
151 82.3 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 140.620 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

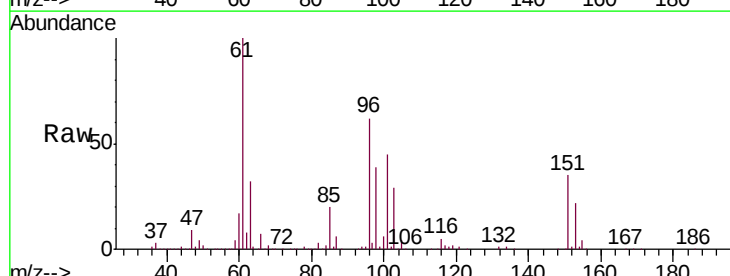
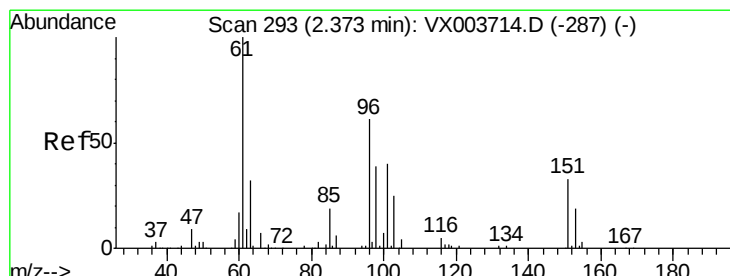
Tgt Ion: 96 Resp: 178734

Ion Ratio Lower Upper

96 100

61 161.2 137.5 206.3

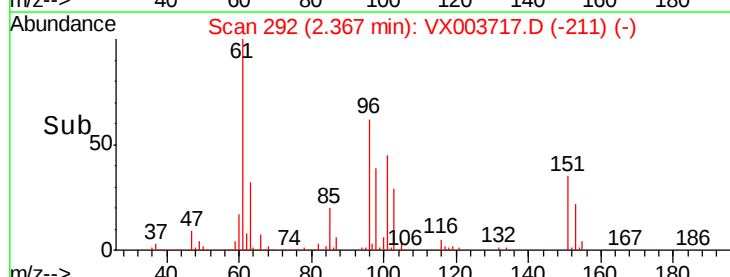
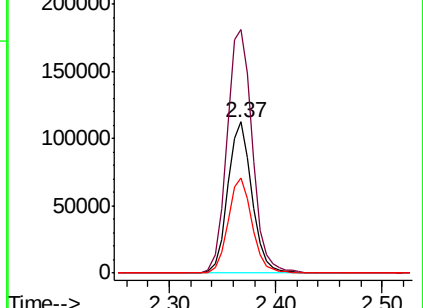
98 63.3 51.4 77.2

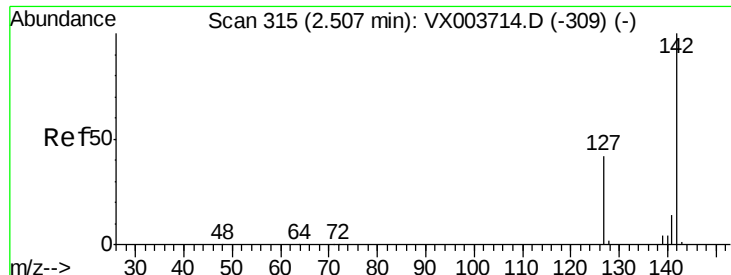


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

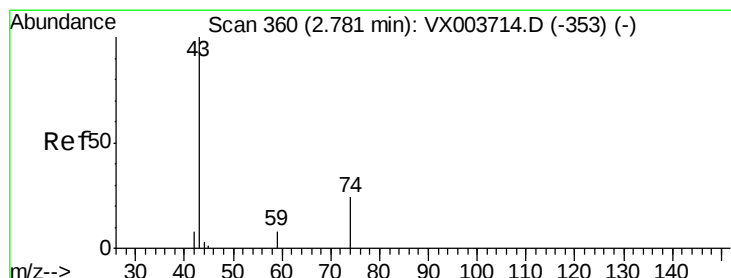
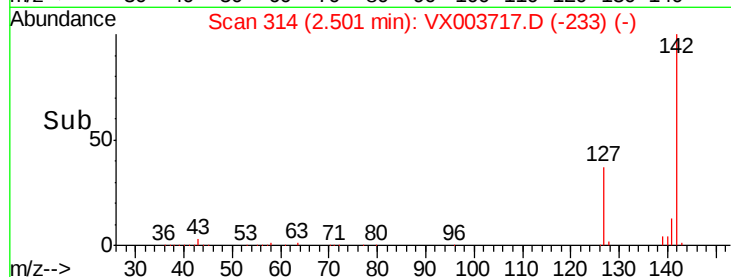
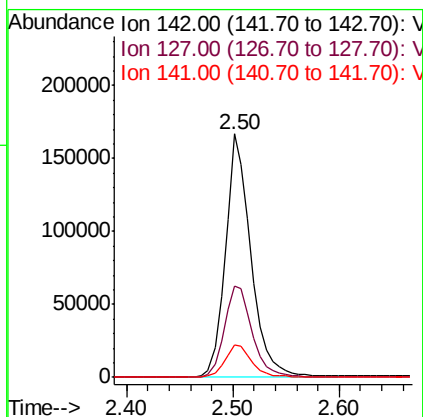
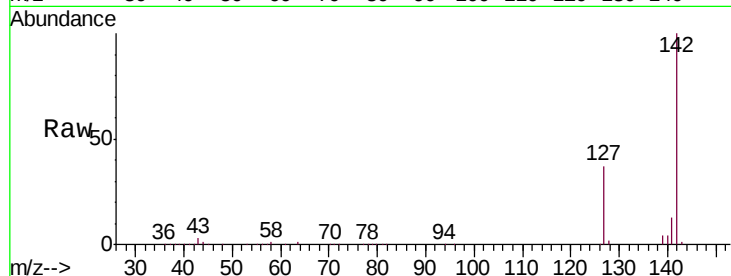




#11
Methyl Iodide
Concen: 158.728 ug/l
RT: 2.50 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

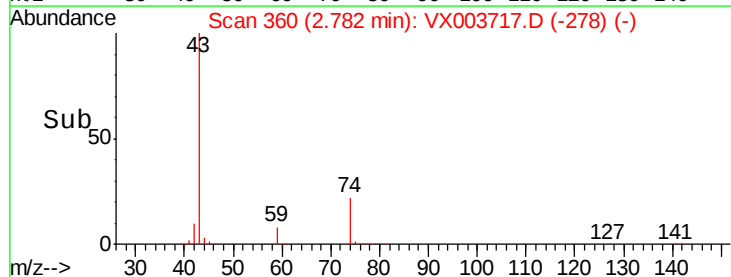
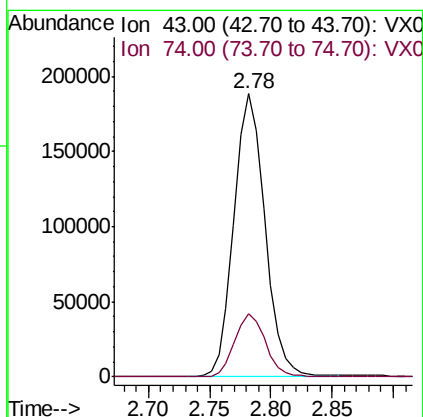
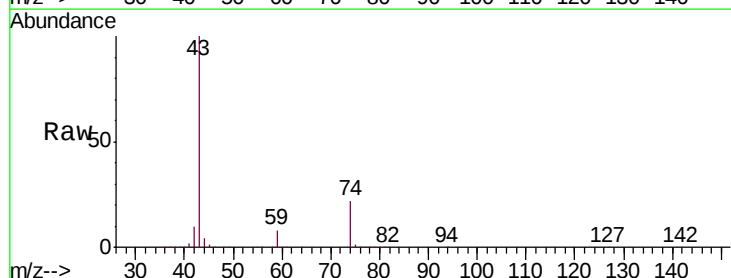
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

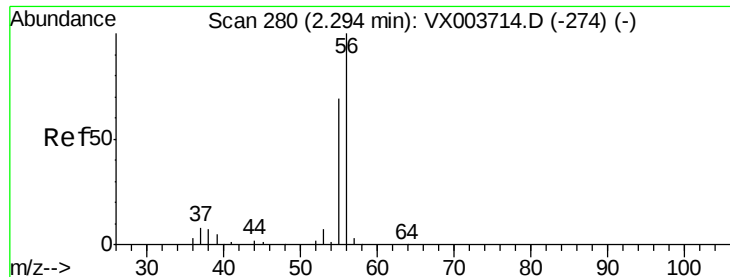
Tgt Ion:142 Resp: 279657
Ion Ratio Lower Upper
142 100
127 37.3 23.2 69.6
141 13.1 7.4 22.2



#12
Methyl Acetate
Concen: 140.900 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion: 43 Resp: 331375
Ion Ratio Lower Upper
43 100
74 22.1 16.4 24.6





#13

Acrolein

Concen: 827.579 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

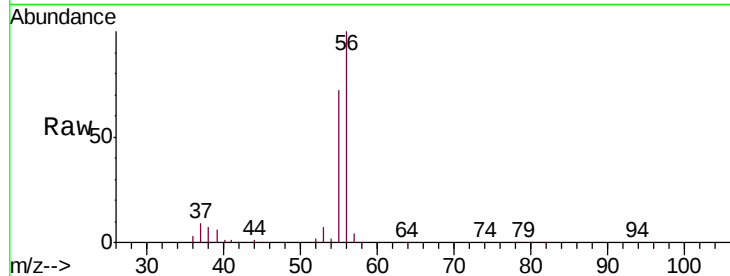
VSTDICC150

Tgt Ion: 56 Resp: 151802

Ion Ratio Lower Upper

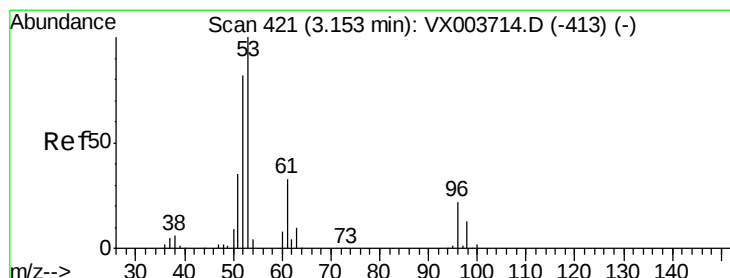
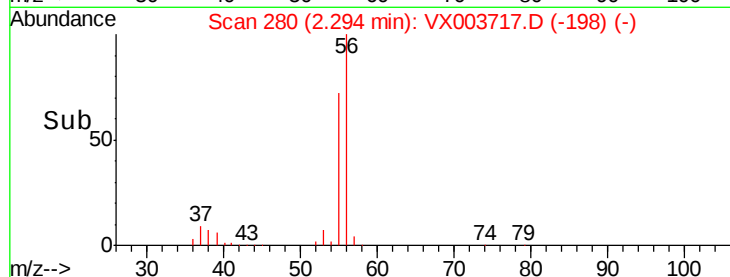
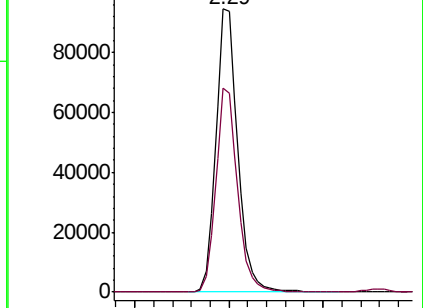
56 100

55 71.2 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 699.455 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

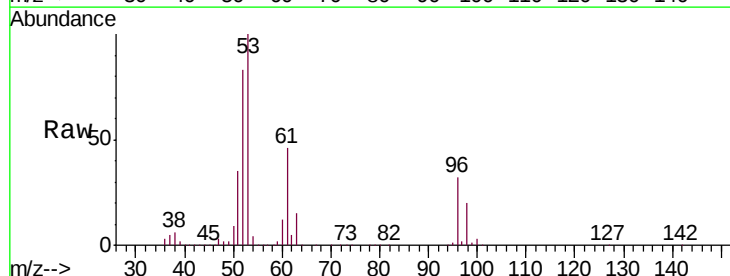
Tgt Ion: 53 Resp: 648182

Ion Ratio Lower Upper

53 100

52 81.9 41.5 124.6

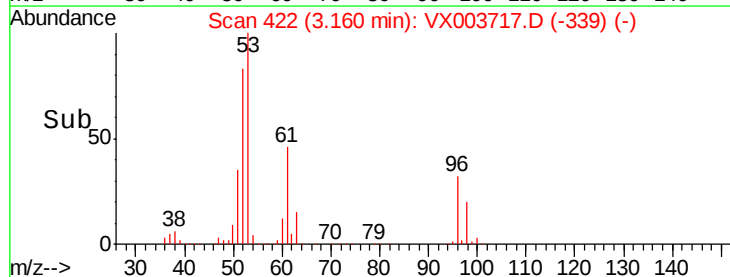
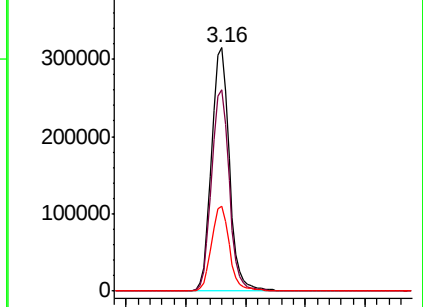
51 35.2 17.9 53.8

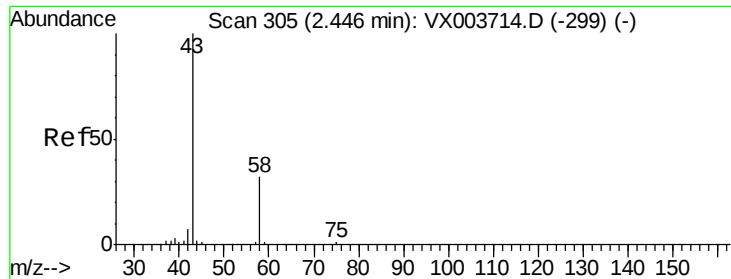


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 667.750 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

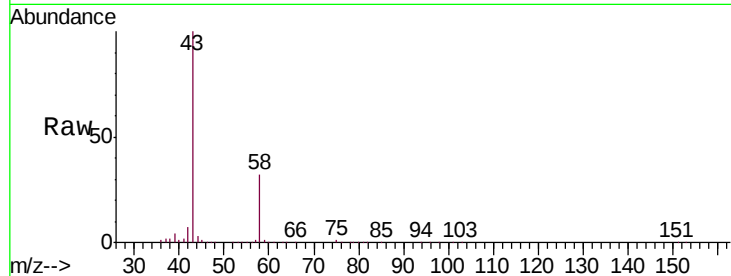
VSTDIC150

Tgt Ion: 58 Resp: 167918

Ion Ratio Lower Upper

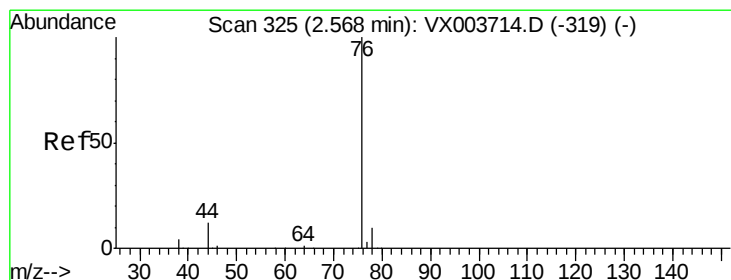
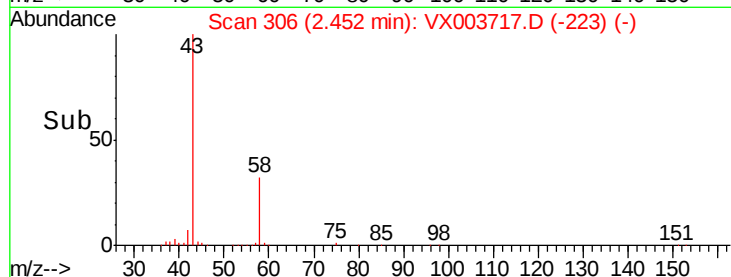
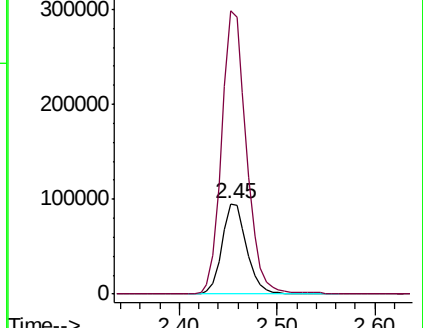
58 100

43 312.2 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 145.323 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX003717.D

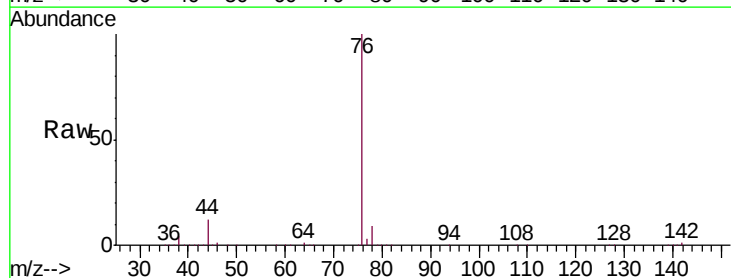
Acq: 27 Jul 2018 15:18

Tgt Ion: 76 Resp: 512964

Ion Ratio Lower Upper

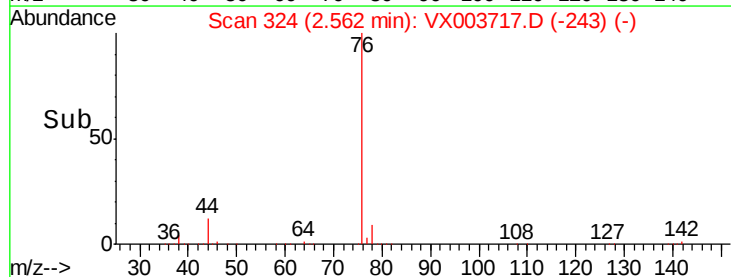
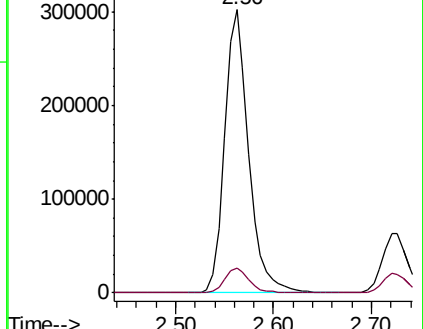
76 100

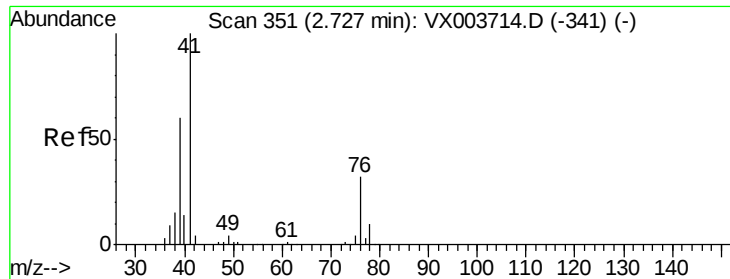
78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

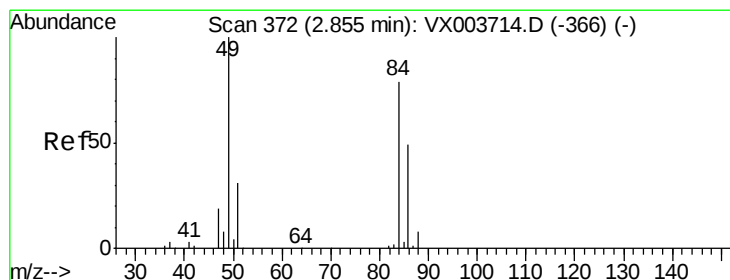
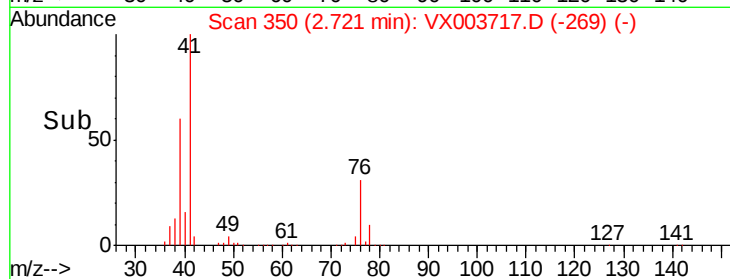
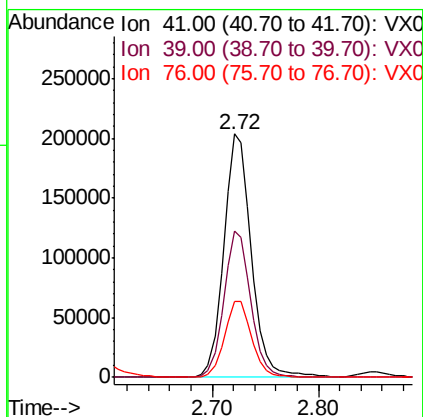
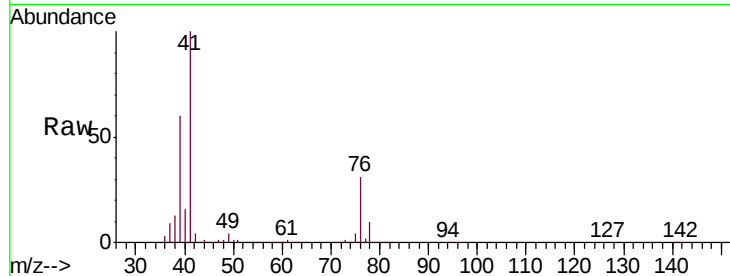




#17
 Allyl chloride
 Concen: 139.972 ug/l
 RT: 2.72 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

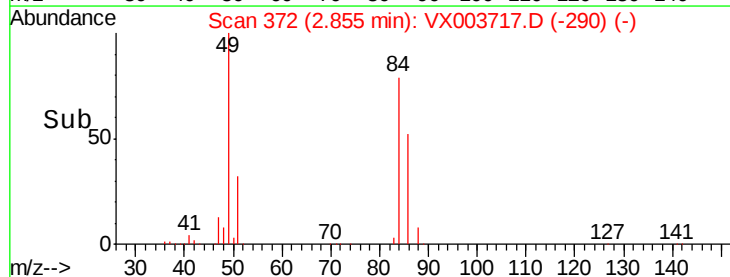
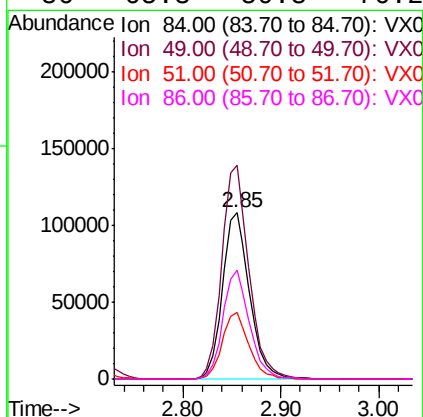
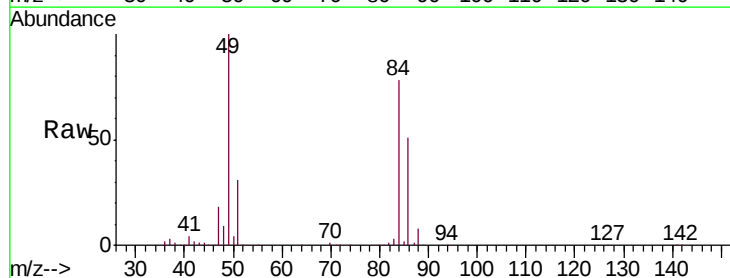
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

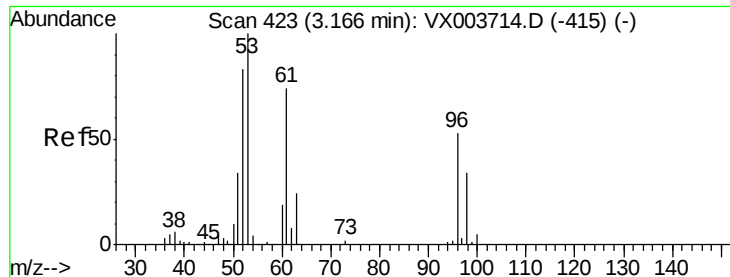
Tgt Ion: 41 Resp: 368204
 Ion Ratio Lower Upper
 41 100
 39 60.0 34.6 103.8
 76 30.9 15.0 45.1



#18
 Methylene Chloride
 Concen: 137.479 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion: 84 Resp: 206997
 Ion Ratio Lower Upper
 84 100
 49 128.4 104.7 157.1
 51 39.9 31.0 46.4
 86 65.3 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 138.841 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

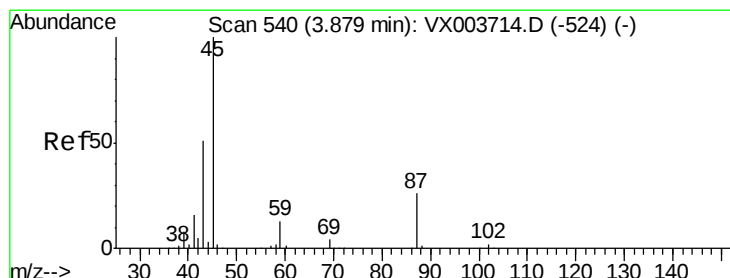
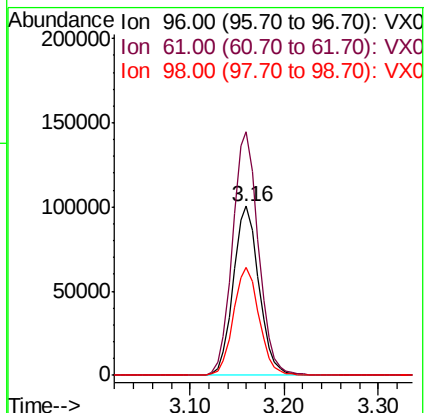
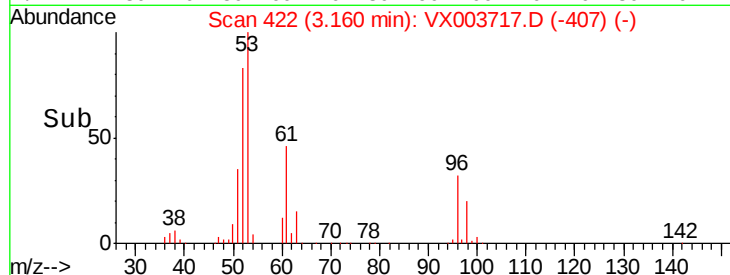
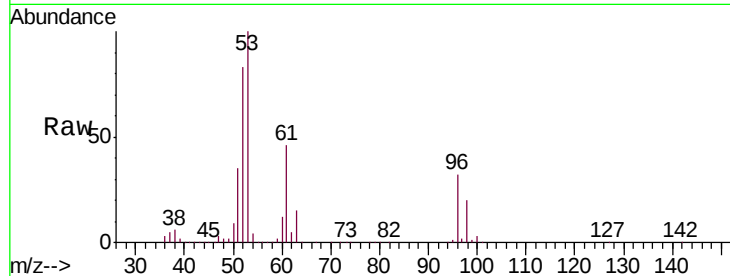
Tgt Ion: 96 Resp: 190757

Ion Ratio Lower Upper

96 100

61 143.7 114.6 172.0

98 63.9 51.3 76.9



#20

Diisopropyl ether

Concen: 144.522 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Tgt Ion: 45 Resp: 698151

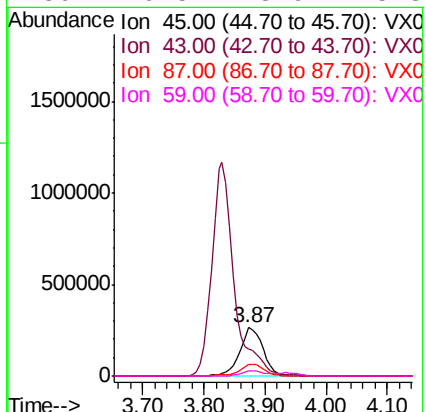
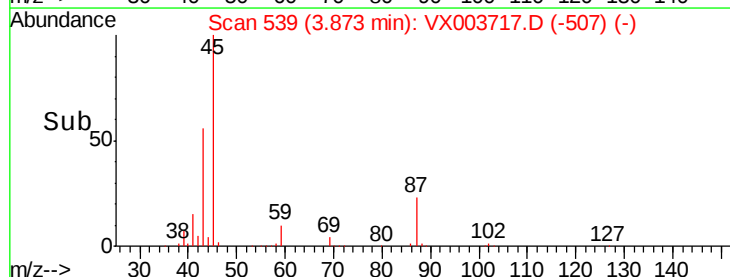
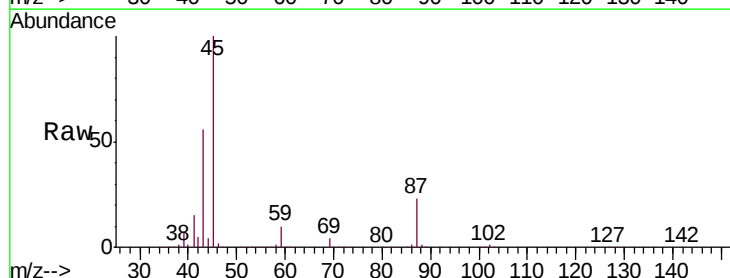
Ion Ratio Lower Upper

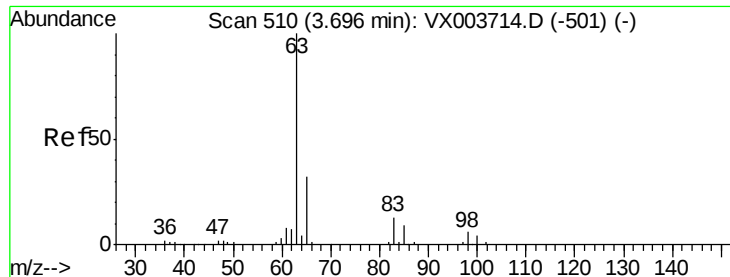
45 100

43 56.2 45.6 68.4

87 23.2 20.7 31.1

59 10.5 8.9 13.3





#21

1,1-Dichloroethane

Concen: 137.917 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

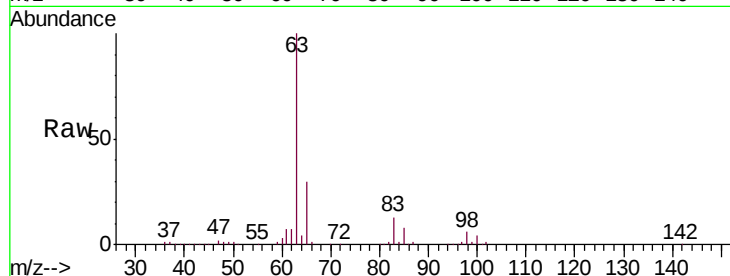
Tgt Ion: 63 Resp: 377159

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

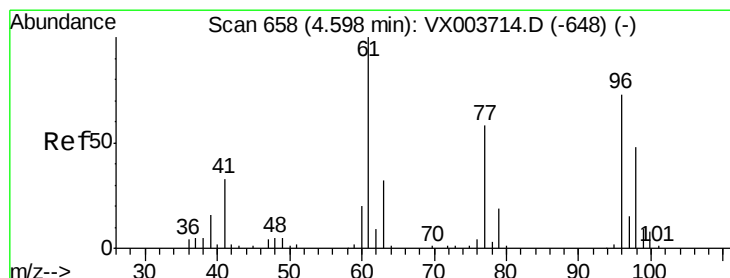
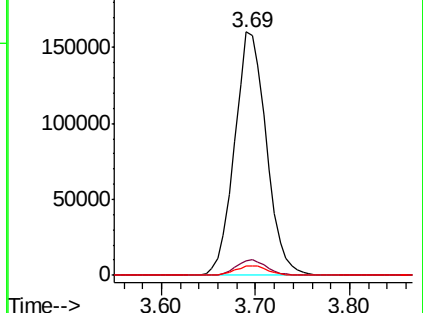
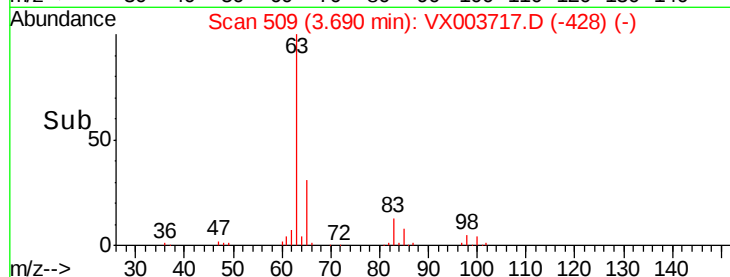
100 3.9 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 151.565 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

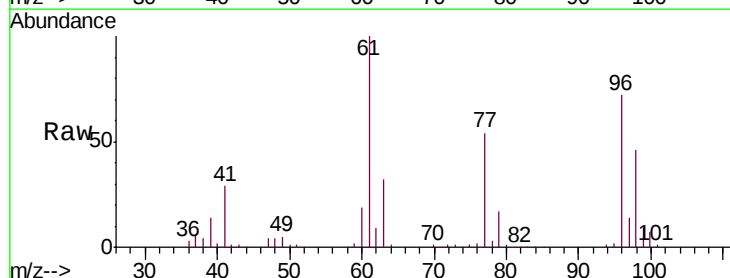
Tgt Ion: 96 Resp: 210287

Ion Ratio Lower Upper

96 100

61 147.5 160.2 240.2#

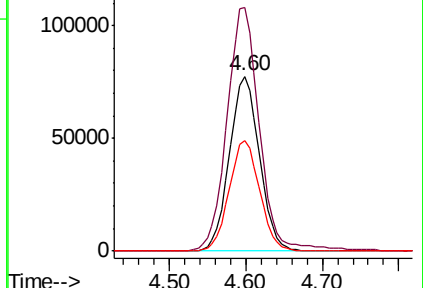
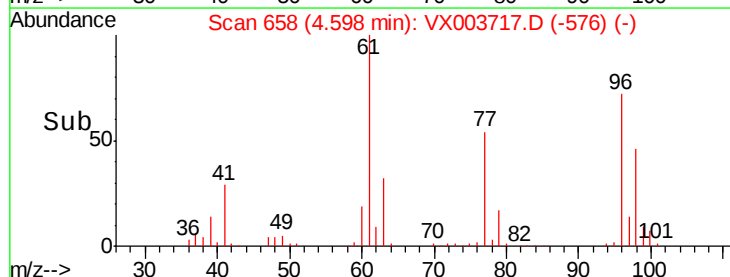
98 64.6 54.1 81.1

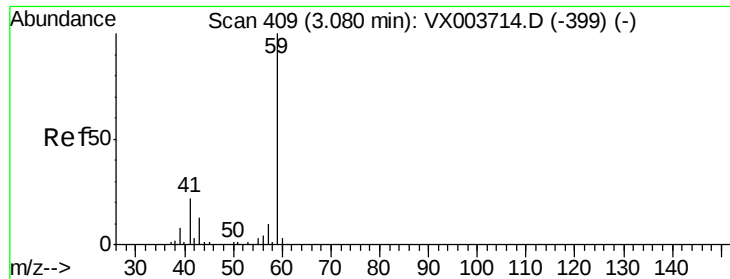


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

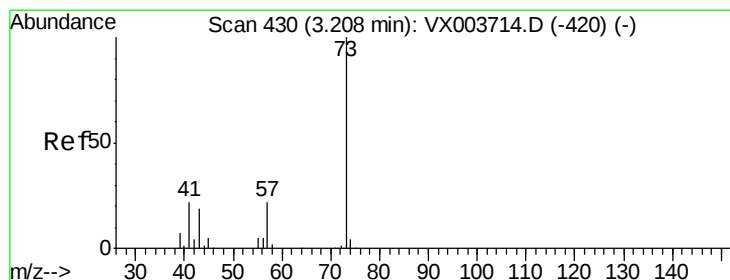
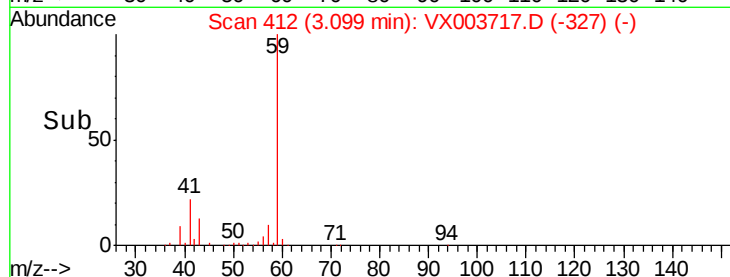
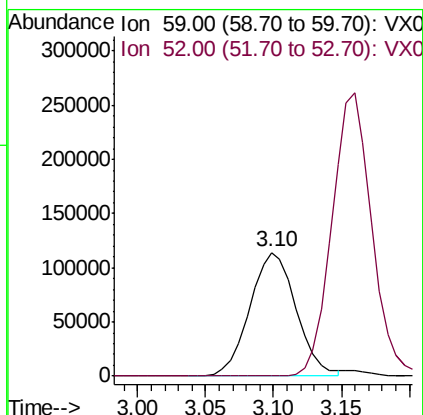
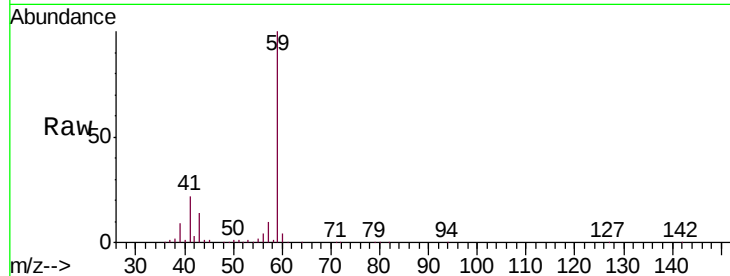




#23
 tert-Butyl Alcohol
 Concen: 694.913 ug/l
 RT: 3.10 min Scan# 412
 Delta R.T. 0.02 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

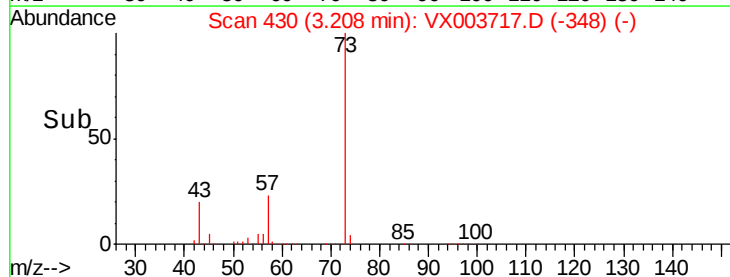
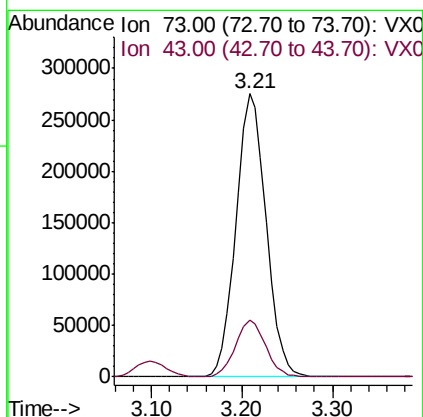
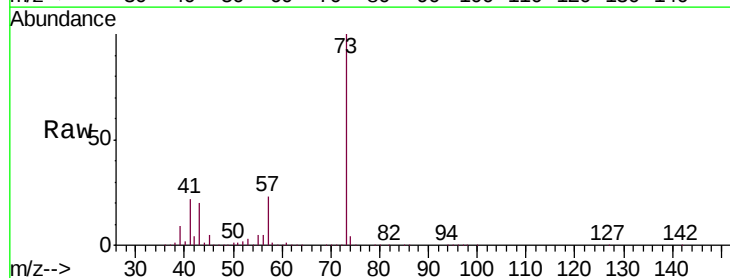
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

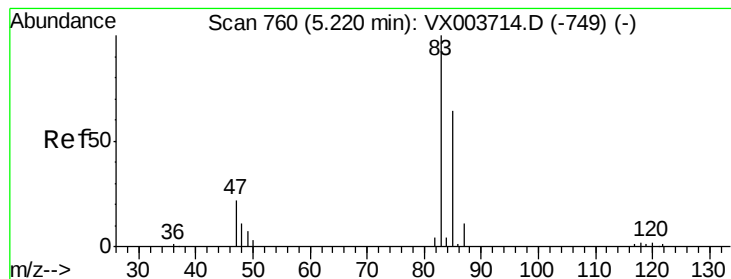
Tgt Ion: 59 Resp: 270502
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2



#24
 Methyl tert-Butyl Ether
 Concen: 139.234 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion: 73 Resp: 634702
 Ion Ratio Lower Upper
 73 100
 43 19.9 19.0 28.4





#25

Chloroform

Concen: 147.162 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

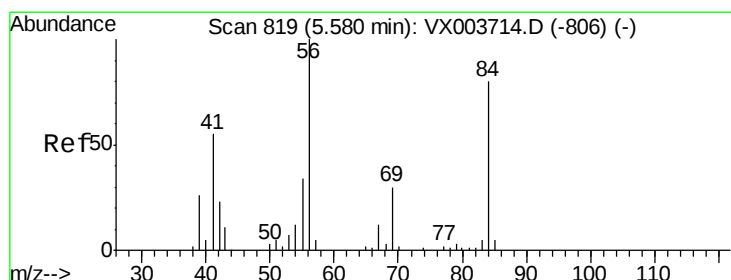
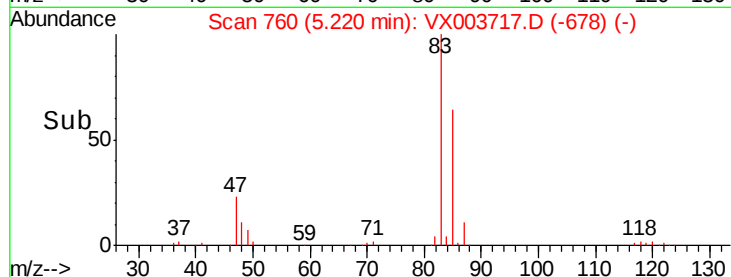
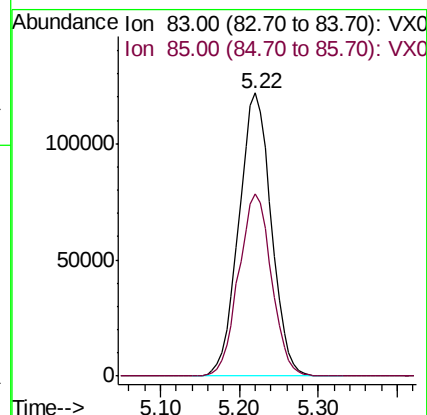
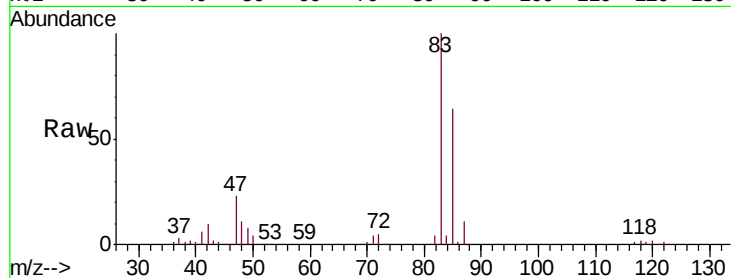
VSTDIC150

Tgt Ion: 83 Resp: 348529

Ion Ratio Lower Upper

83 100

85 64.3 51.9 77.9



#26

Cyclohexane

Concen: 153.784 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

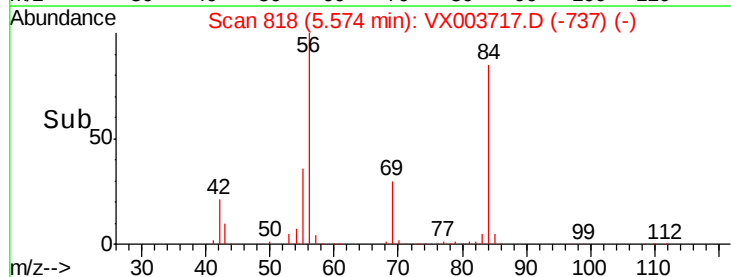
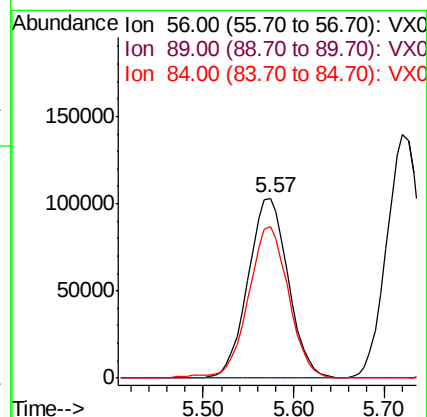
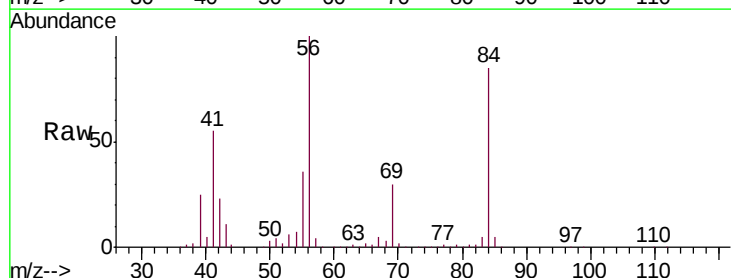
Tgt Ion: 56 Resp: 315942

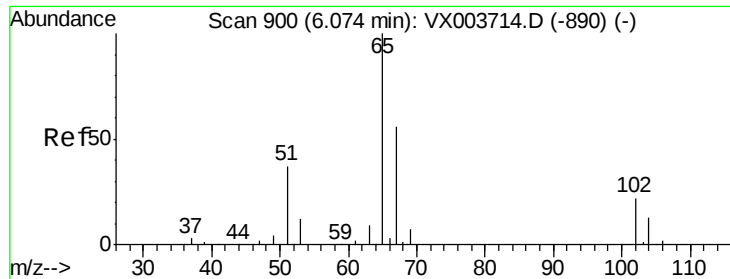
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 84.9 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 29.820 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

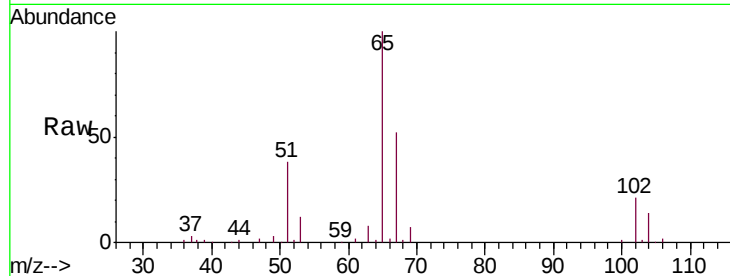
VSTDIC150

Tgt Ion: 65 Resp: 48534

Ion Ratio Lower Upper

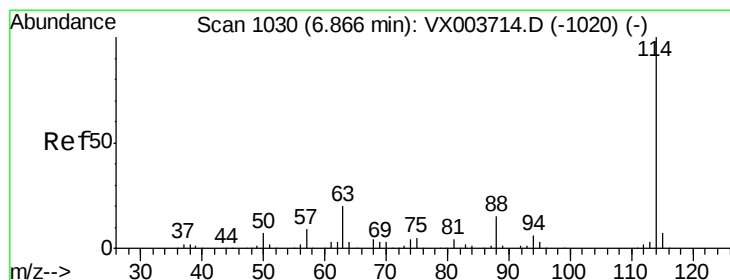
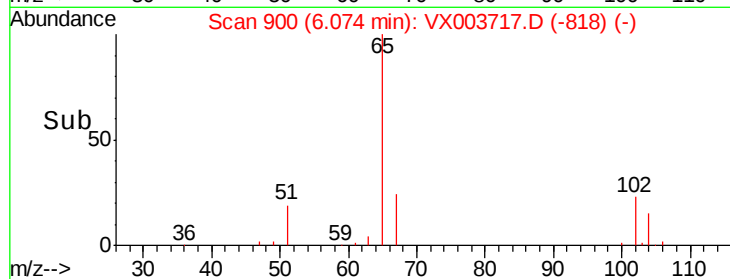
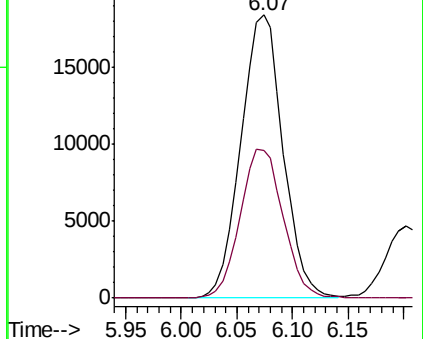
65 100

67 53.6 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

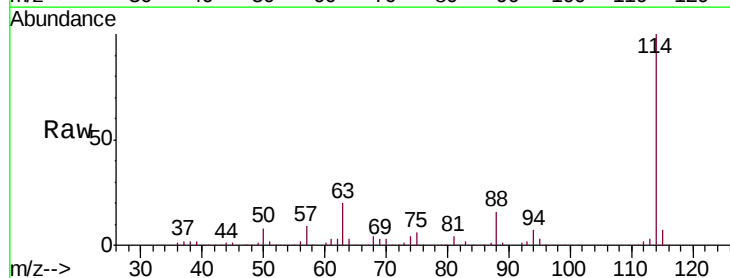
Tgt Ion: 114 Resp: 121638

Ion Ratio Lower Upper

114 100

63 20.6 17.1 25.7

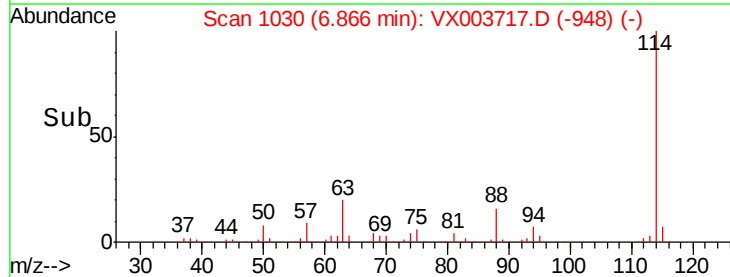
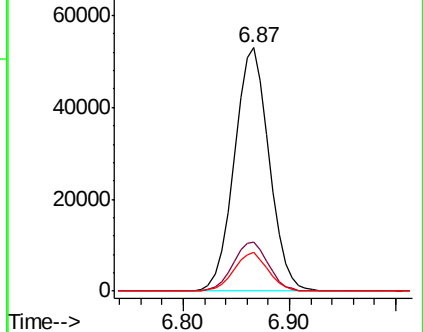
88 15.6 12.6 19.0

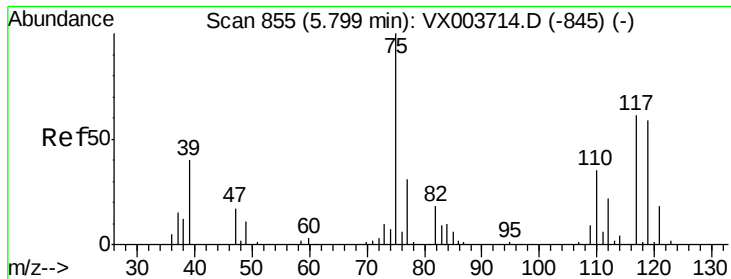


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

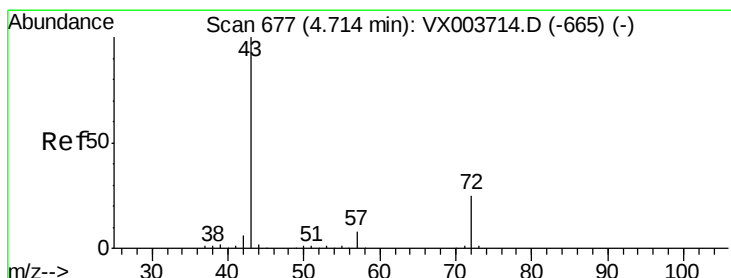
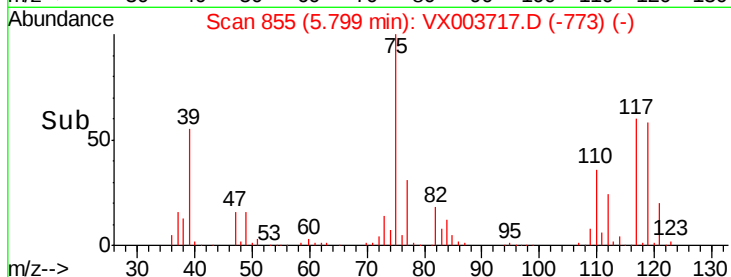
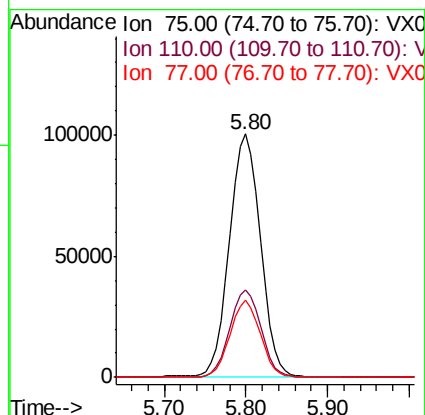
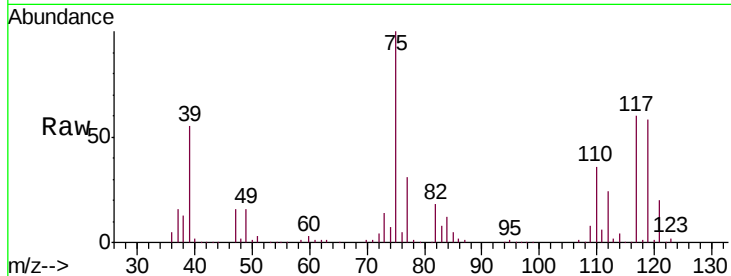




#29
 1,1-Dichloropropene
 Concen: 147.797 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

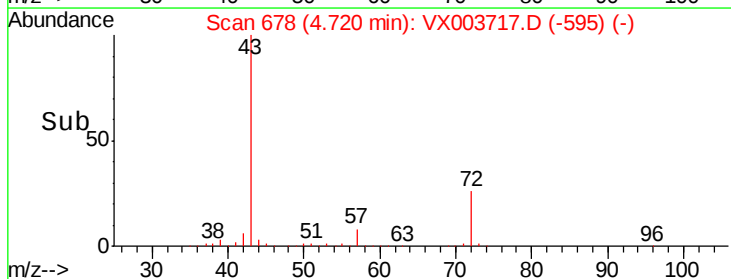
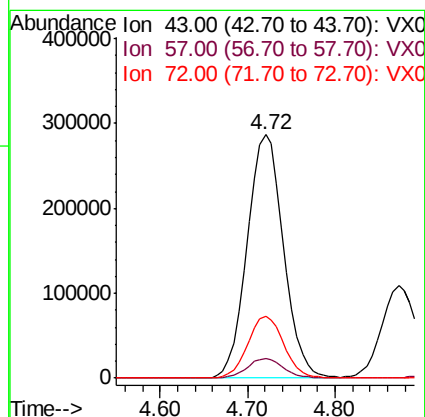
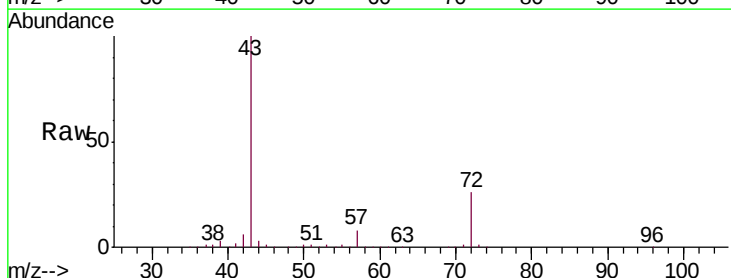
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

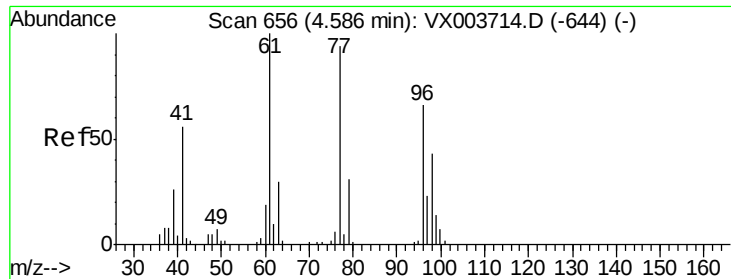
Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	71.4
77	31.0	0.0	60.6



#30
 2-Butanone
 Concen: 720.928 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.1	9.1
72	25.4	18.1	27.1

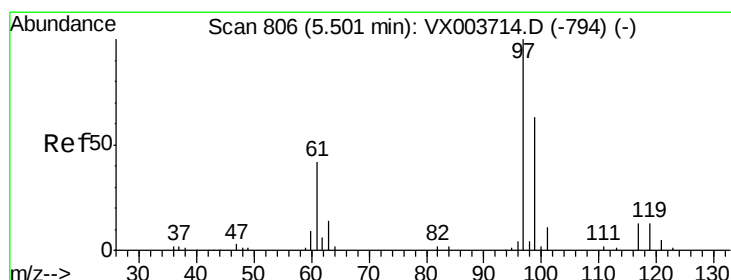
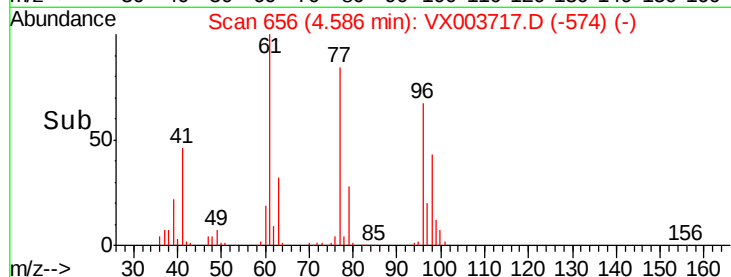
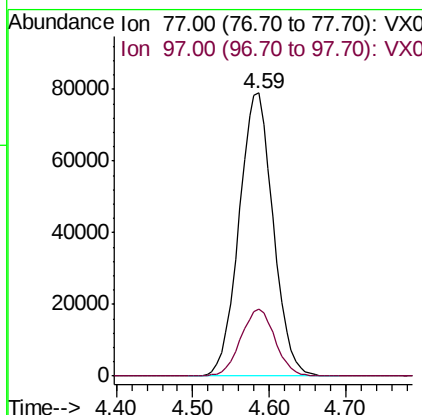
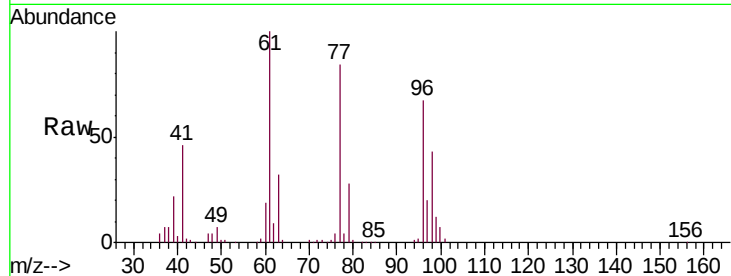




#31
 2,2-Dichloropropane
 Concen: 140.684 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

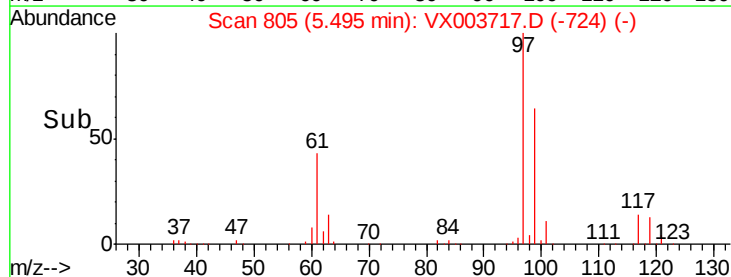
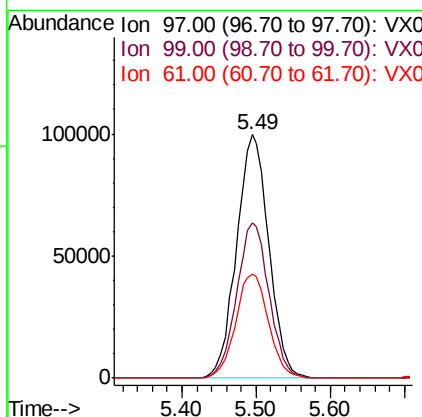
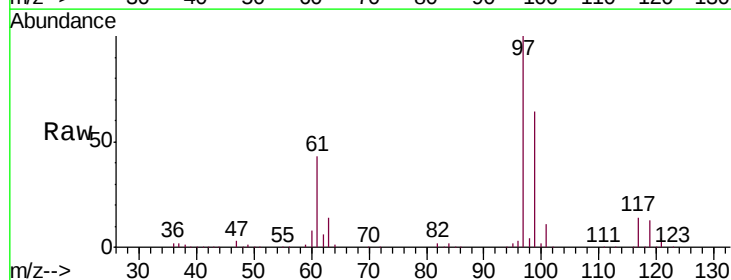
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

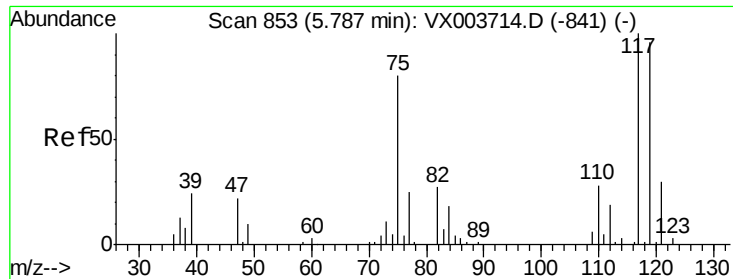
Tgt Ion: 77 Resp: 244777
 Ion Ratio Lower Upper
 77 100
 97 23.9 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 147.362 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion: 97 Resp: 302853
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.7 77.5
 61 43.6 36.4 54.6

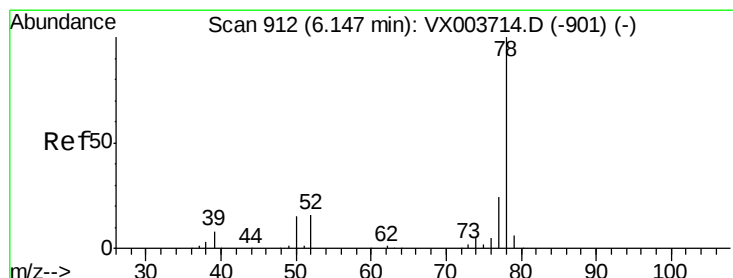
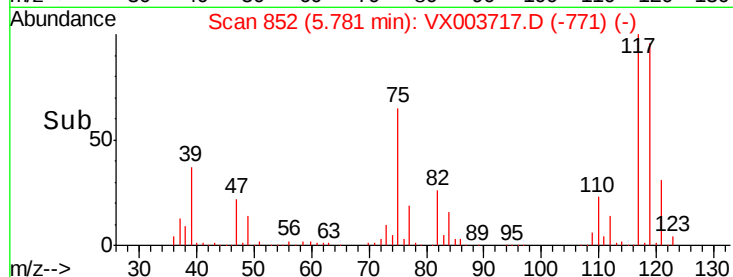
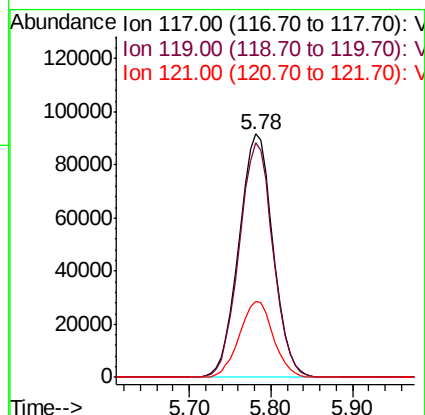
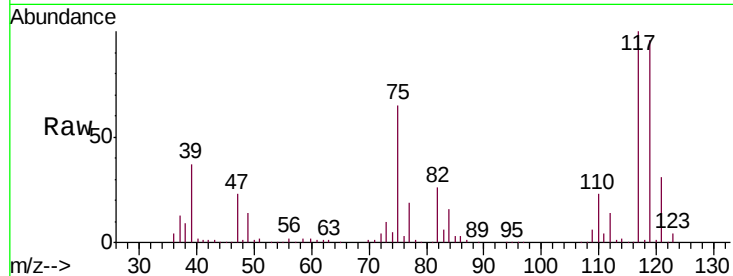




#33
Carbon Tetrachloride
Concen: 149.119 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

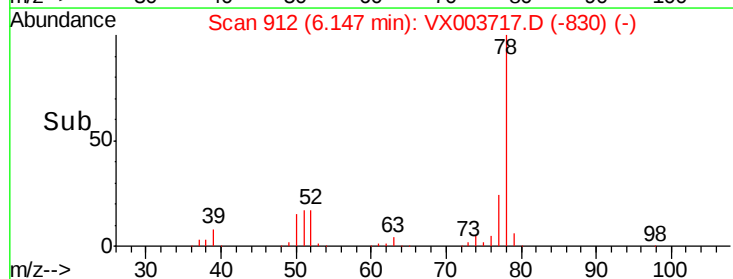
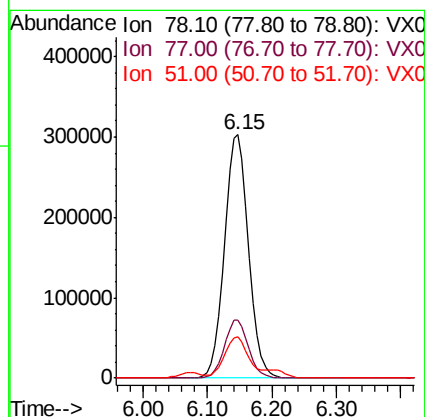
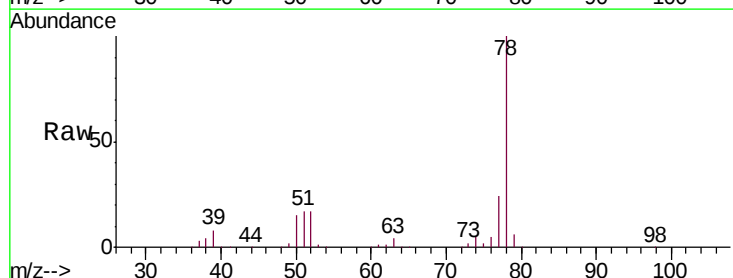
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

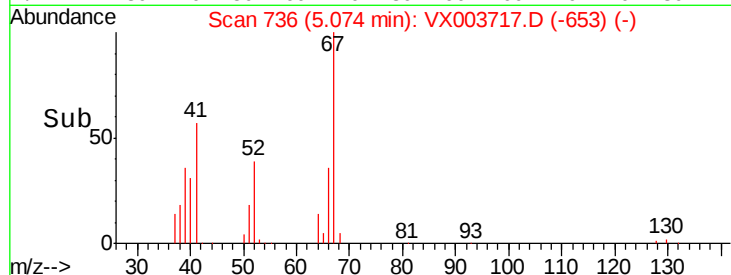
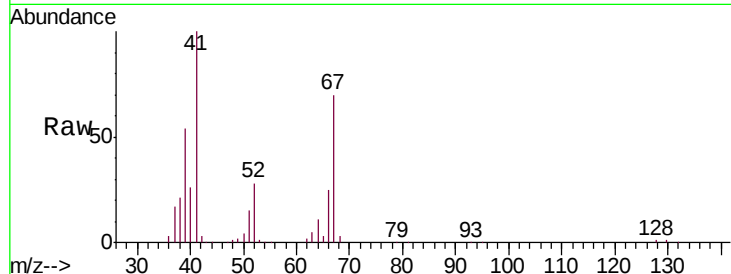
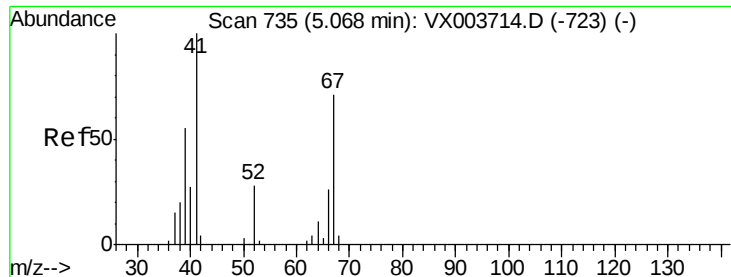
Tgt Ion:117 Resp: 266309
Ion Ratio Lower Upper
117 100
119 96.4 73.3 109.9
121 31.0 23.6 35.4



#34
Benzene
Concen: 144.048 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion: 78 Resp: 794936
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0
51 16.8 13.8 20.6





#35

Methacrylonitrile

Concen: 147.793 ug/l

RT: 5.07 min Scan# 736

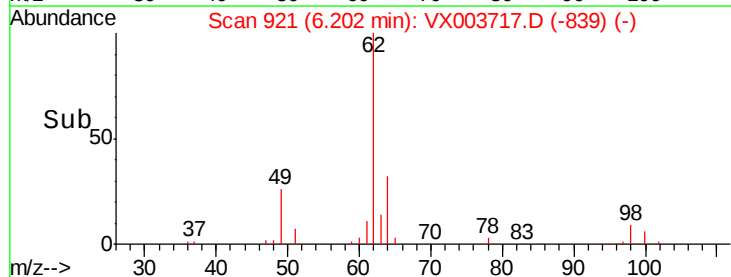
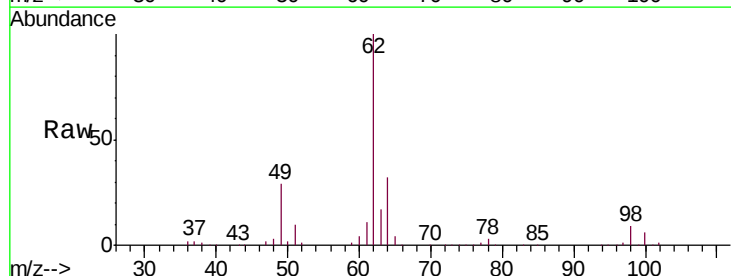
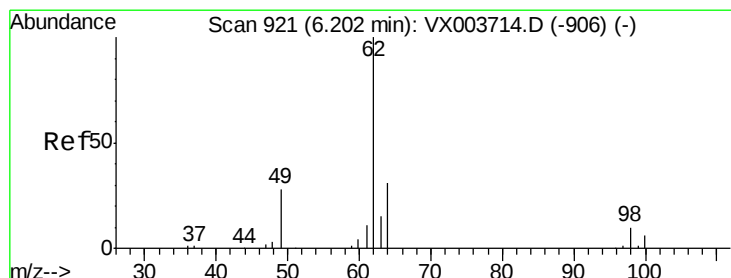
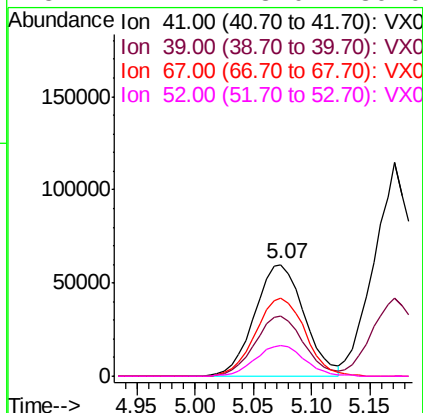
Delta R.T. 0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	176177
Ion	Ratio	Lower	Upper
41	100		
39	54.2	28.8	86.5
67	70.4	30.4	91.2
52	27.7	13.0	39.0



#36

1,2-Dichloroethane

Concen: 139.745 ug/l

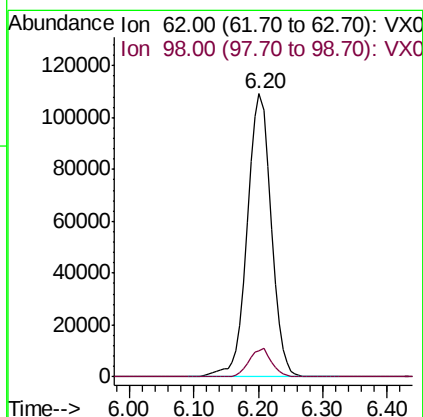
RT: 6.20 min Scan# 921

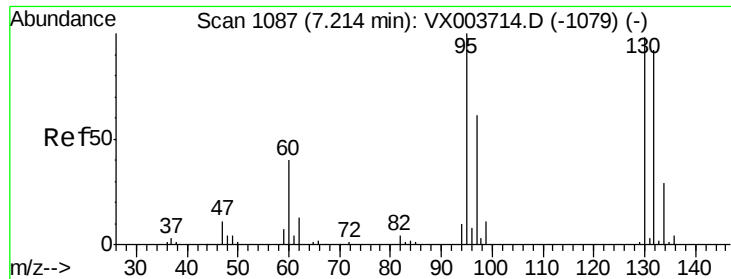
Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Tgt Ion:	62	Resp:	277198
Ion	Ratio	Lower	Upper
62	100		
98	9.4	6.5	9.7

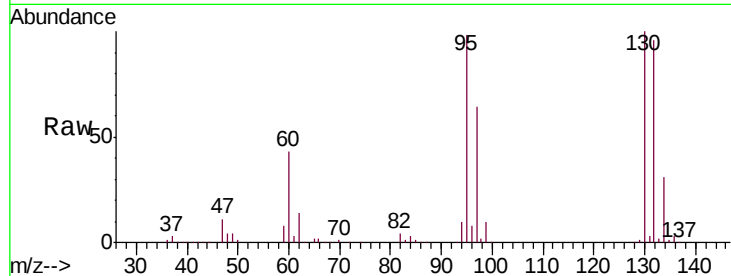




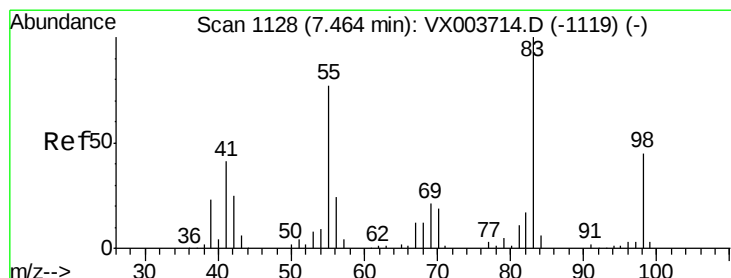
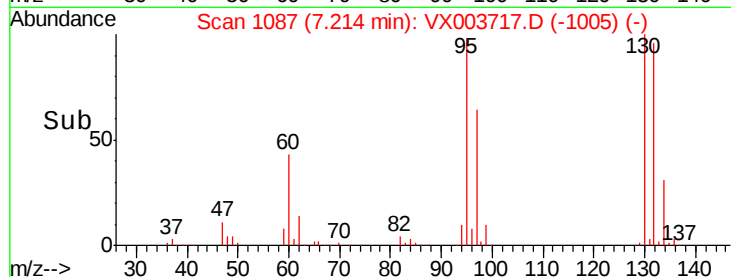
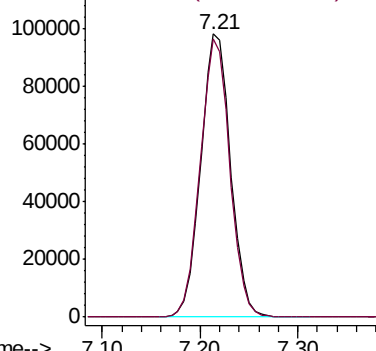
#37
 Trichloroethene
 Concen: 144.092 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion:130 Resp: 207261
 Ion Ratio Lower Upper
 130 100
 95 98.5 81.5 122.3

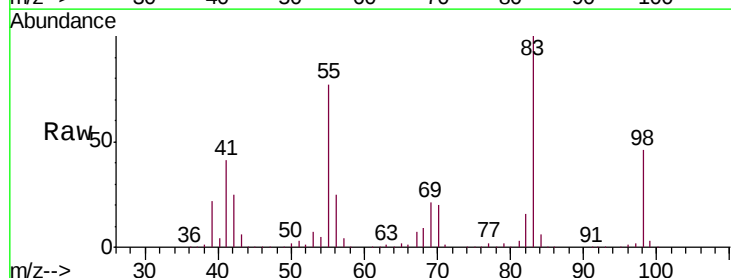


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

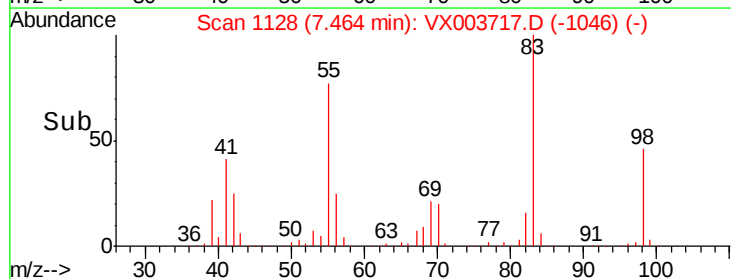
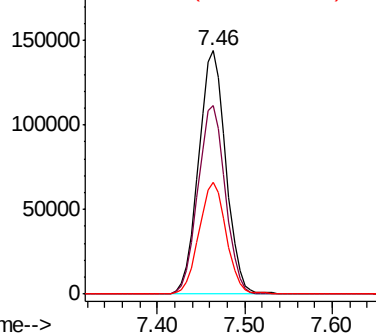


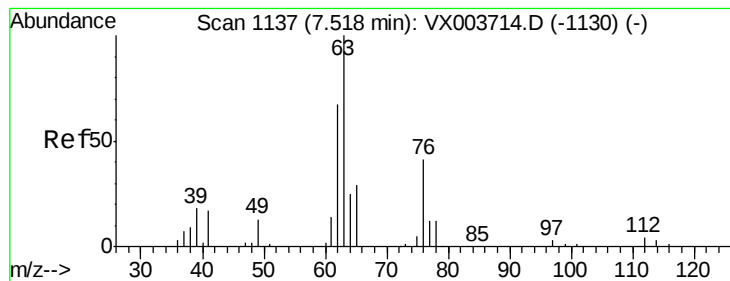
#38
 Methylcyclohexane
 Concen: 152.793 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion: 83 Resp: 311868
 Ion Ratio Lower Upper
 83 100
 55 77.8 40.6 121.8
 98 46.0 23.5 70.5



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 145.023 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

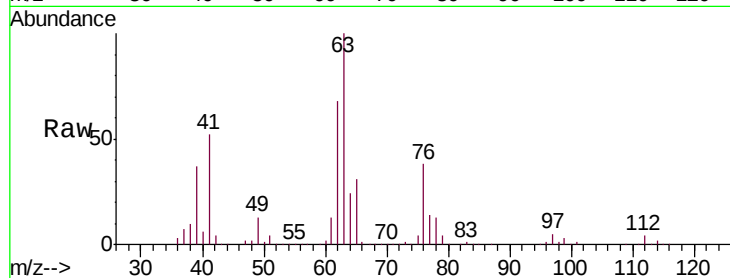
VSTDIC150

Tgt Ion: 63 Resp: 211503

Ion Ratio Lower Upper

63 100

65 30.9 23.3 34.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.52

120000

100000

80000

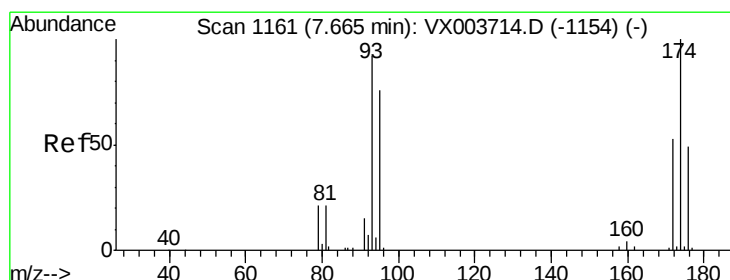
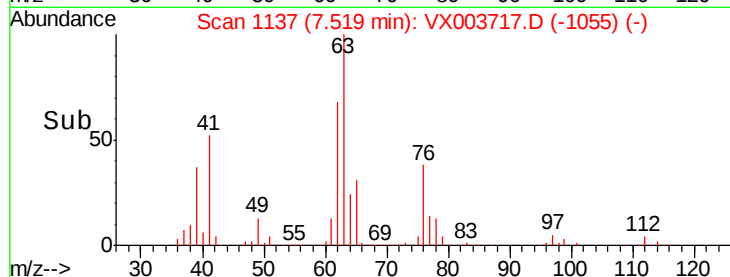
60000

40000

20000

0

Time--> 7.40 7.50 7.60



#40

Dibromomethane

Concen: 143.485 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

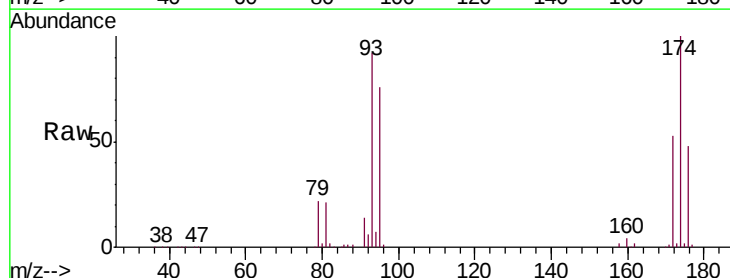
Tgt Ion: 93 Resp: 135418

Ion Ratio Lower Upper

93 100

95 83.3 0.0 162.6

174 112.3 0.0 229.4



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

100000

80000

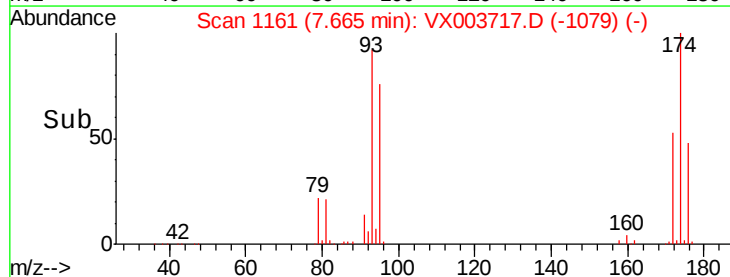
60000

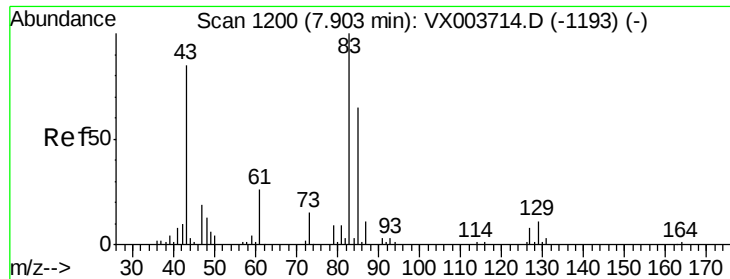
40000

20000

0

Time--> 7.60 7.65 7.70 7.75





#41

Bromodichloromethane

Concen: 148.561 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

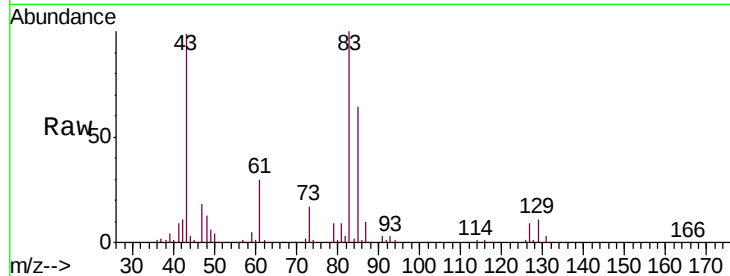
Tgt Ion: 83 Resp: 267875

Ion Ratio Lower Upper

83 100

85 63.6 49.8 74.8

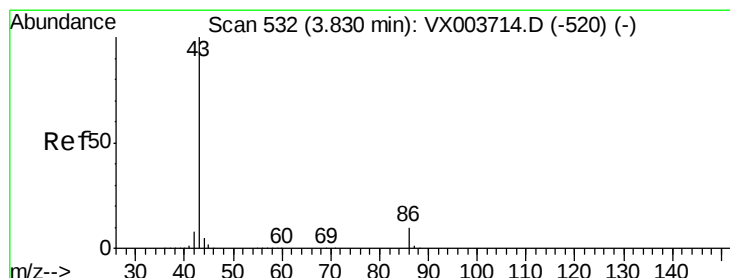
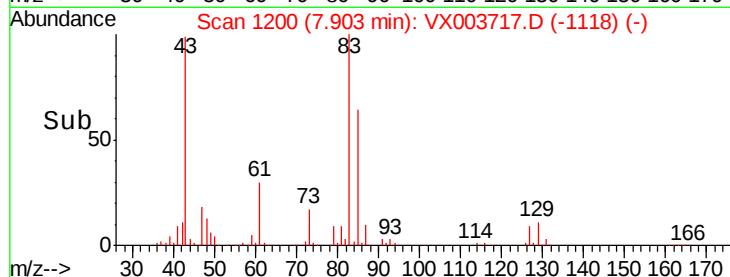
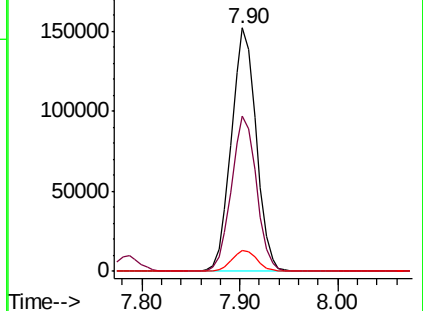
127 8.8 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): VX0



#42

Vinyl Acetate

Concen: 681.668 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003717.D

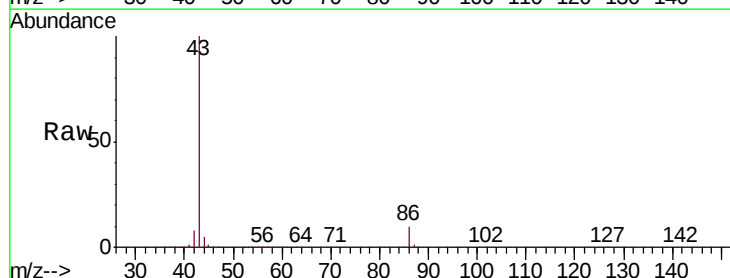
Acq: 27 Jul 2018 15:18

Tgt Ion: 43 Resp: 3004565

Ion Ratio Lower Upper

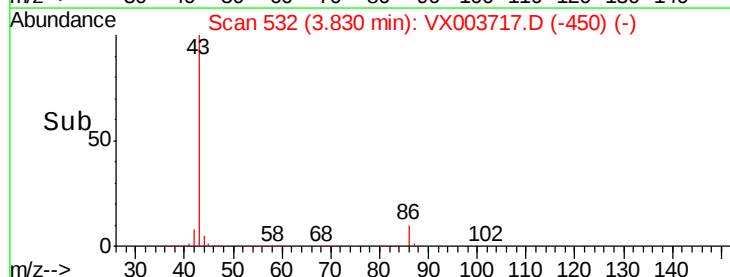
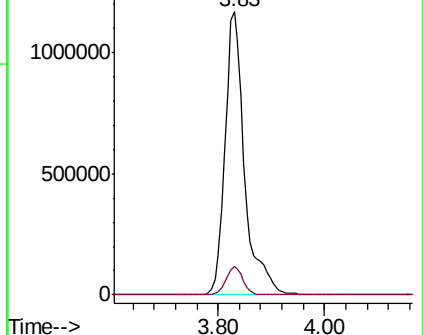
43 100

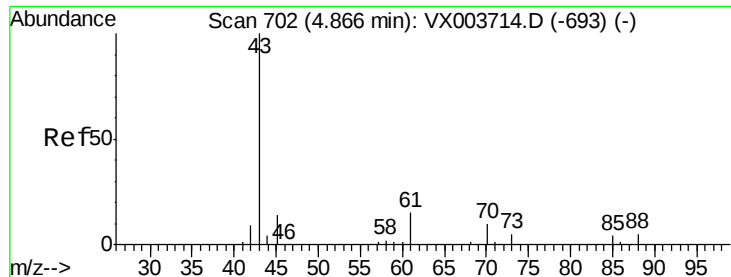
86 8.7 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 144.706 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

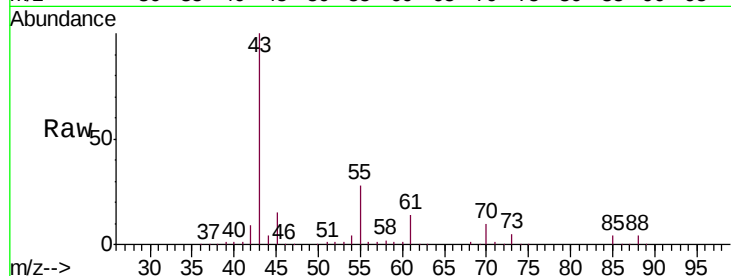
VSTDIC150

Tgt Ion: 43 Resp: 310055

Ion Ratio Lower Upper

43 100

45 15.3 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

300000

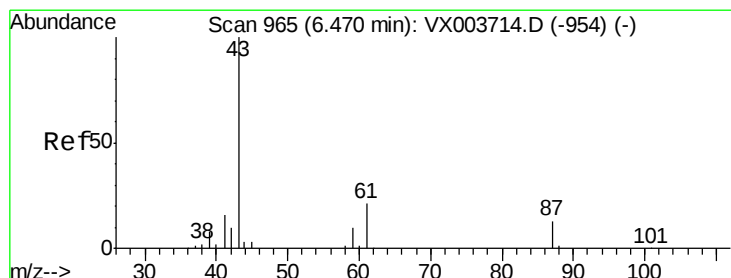
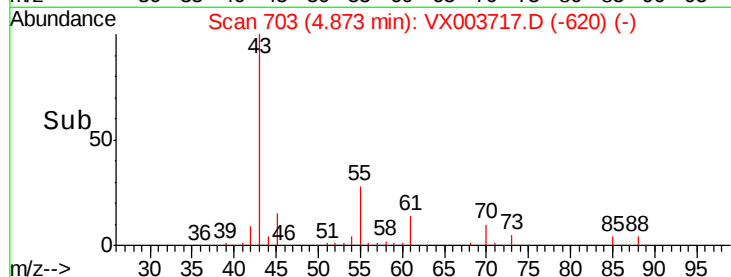
200000

100000

0

4.80 4.87 4.90 5.00

Time-->



#44

Isopropyl Acetate

Concen: 150.483 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003717.D

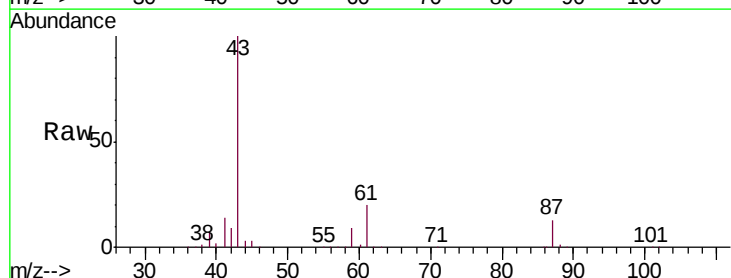
Acq: 27 Jul 2018 15:18

Tgt Ion: 43 Resp: 494544

Ion Ratio Lower Upper

43 100

61 20.4 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

150000

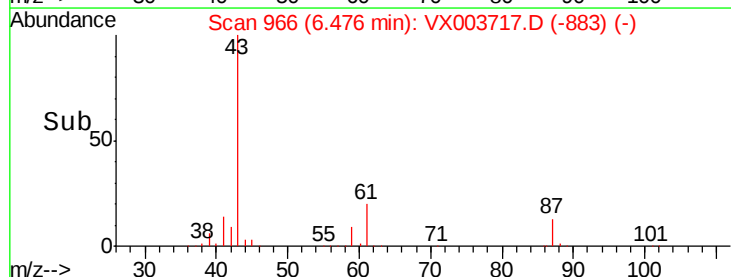
100000

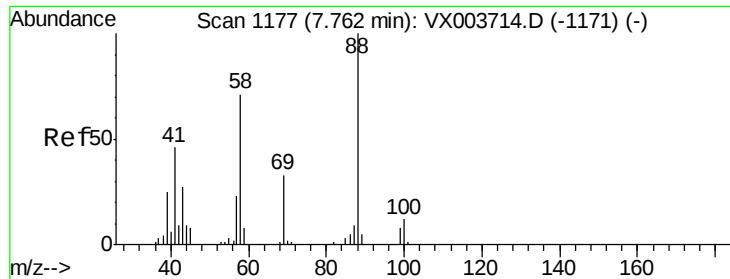
50000

0

6.40 6.48 6.50 6.60

Time-->

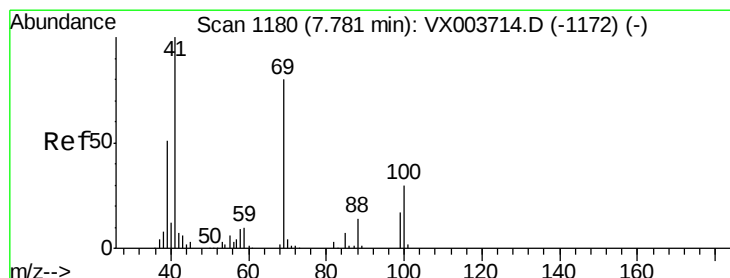
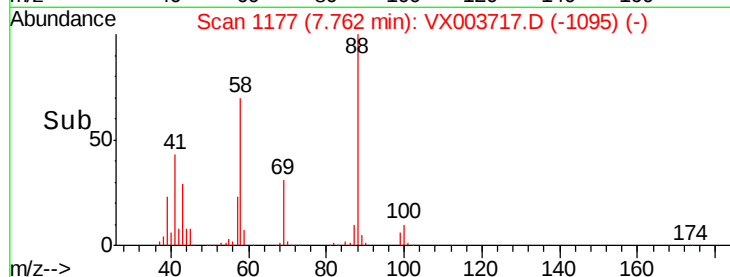
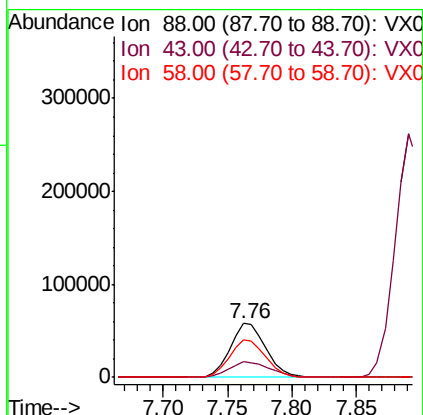
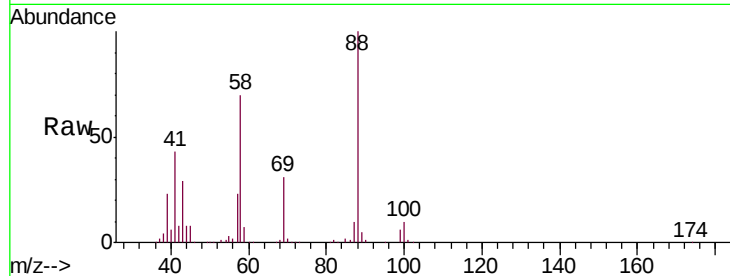




#45
 1,4-Dioxane
 Concen: 3043.191 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

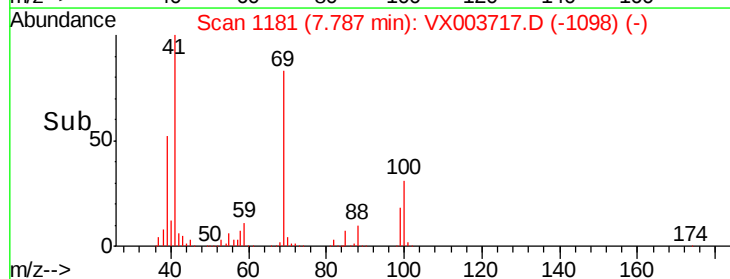
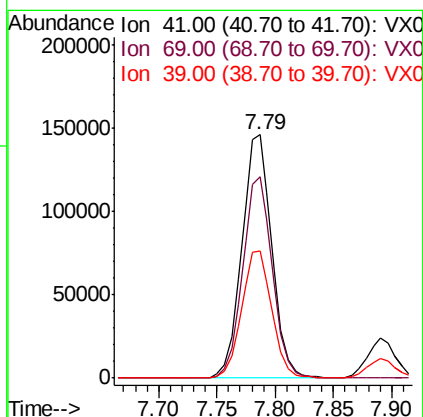
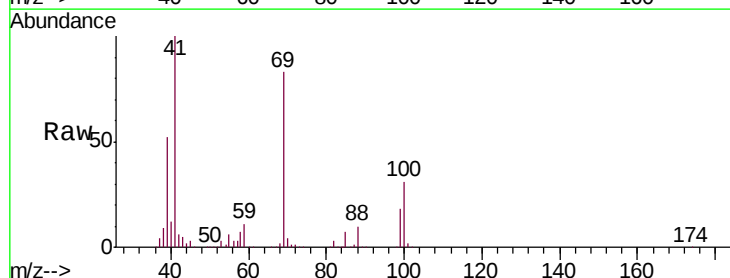
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

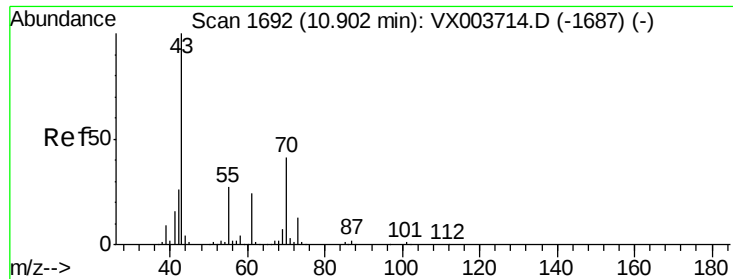
Tgt Ion: 88 Resp: 111069
 Ion Ratio Lower Upper
 88 100
 43 32.2 43.2 64.8#
 58 71.1 60.2 90.2



#46
 Methyl methacrylate
 Concen: 153.626 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion: 41 Resp: 260470
 Ion Ratio Lower Upper
 41 100
 69 82.8 37.0 110.9
 39 52.1 29.6 88.9

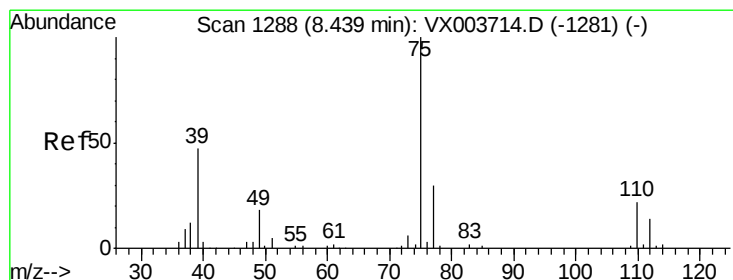
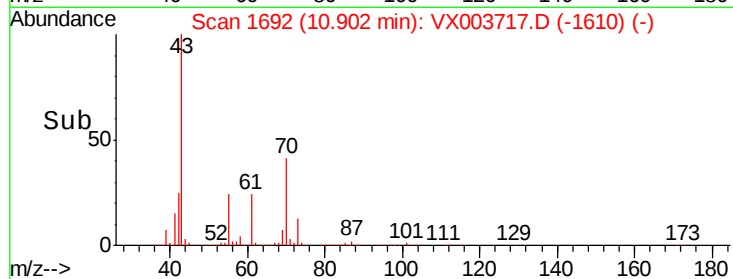
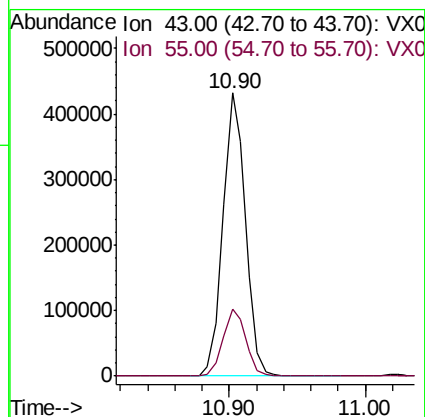
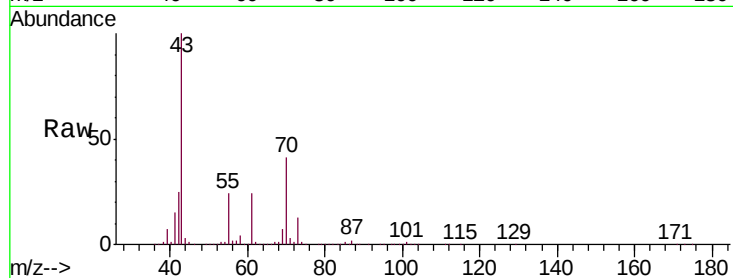




#47
n-amy1 Acetate
Concen: 158.628 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

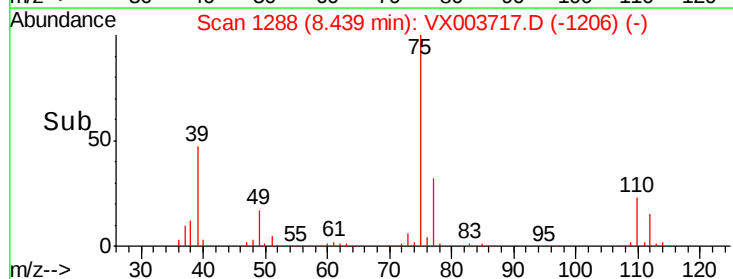
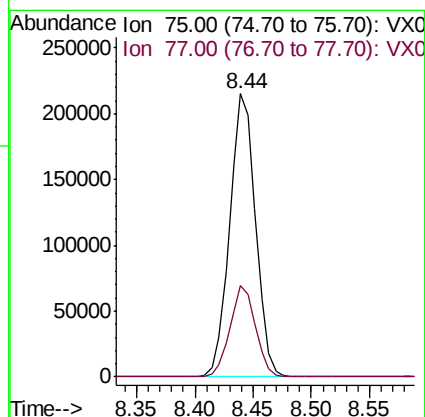
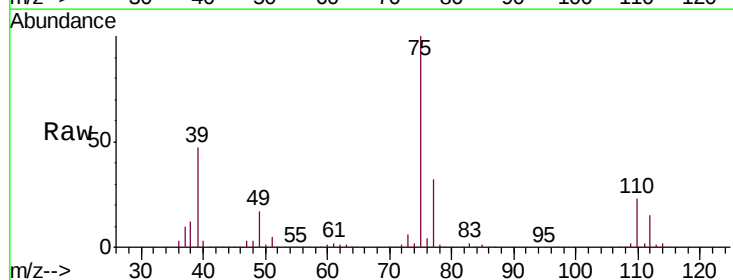
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

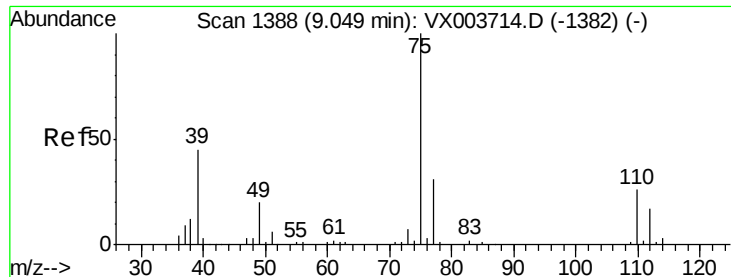
Tgt Ion: 43 Resp: 492180
Ion Ratio Lower Upper
43 100
55 24.1 0.1 0.1#



#48
t-1,3-Dichloropropene
Concen: 151.701 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion: 75 Resp: 331919
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4



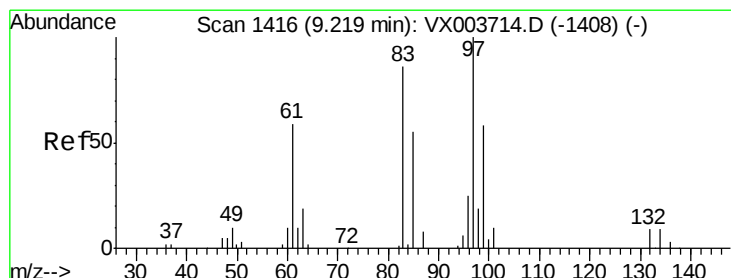
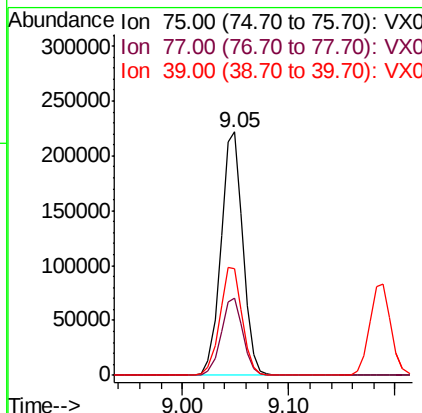
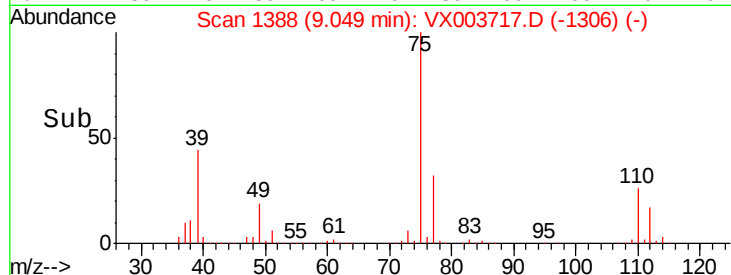
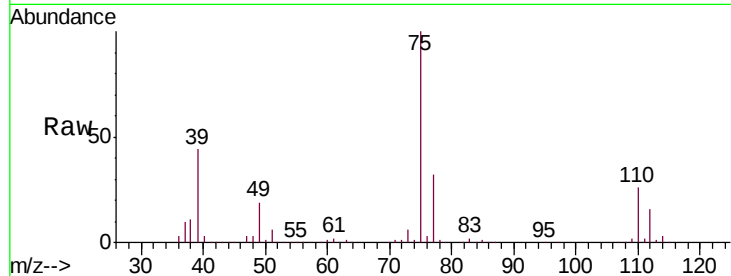


#49

cis-1,3-Dichloropropene
Concen: 154.307 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

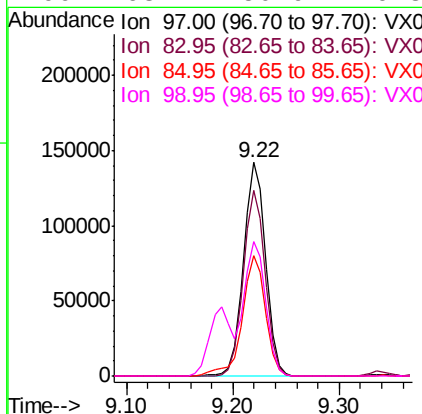
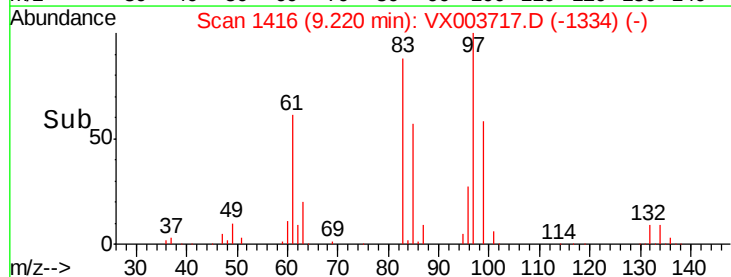
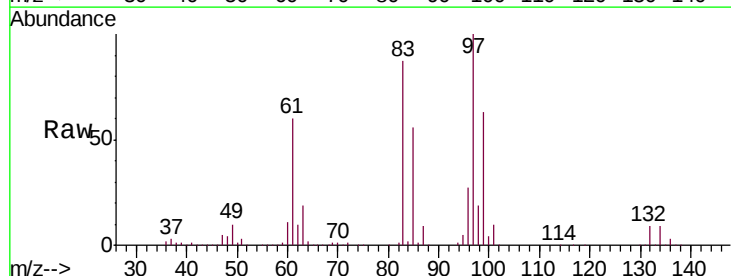
Tgt Ion: 75 Resp: 316773
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 43.6 42.3 63.5

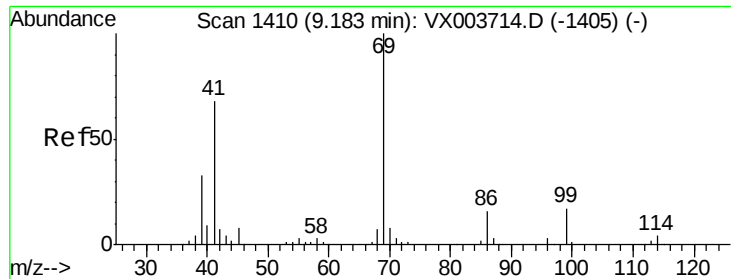


#50

1,1,2-Trichloroethane
Concen: 138.524 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion: 97 Resp: 207539
Ion Ratio Lower Upper
97 100
83 87.0 70.8 106.2
85 56.2 43.5 65.3
99 63.2 50.9 76.3

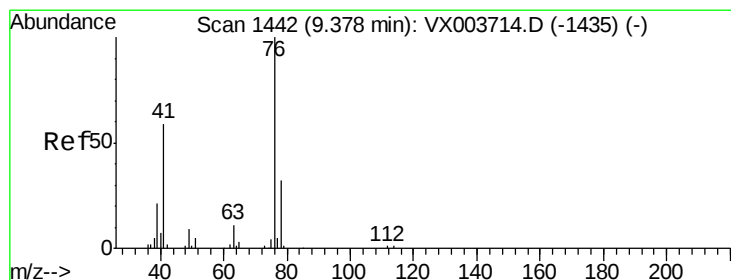
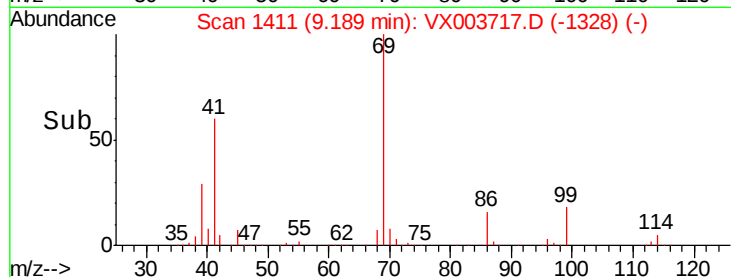
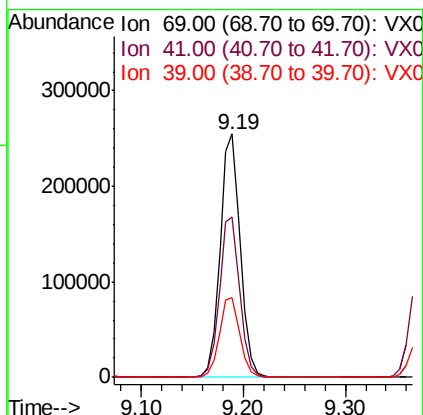
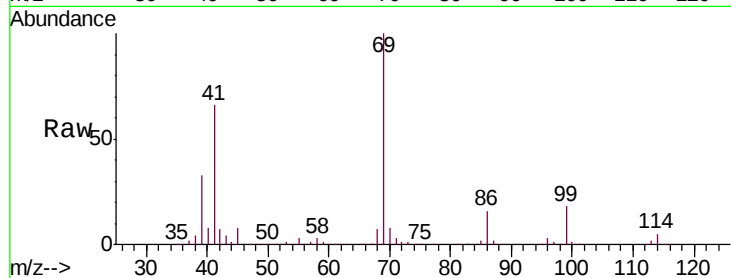




#51
Ethyl methacrylate
Concen: 154.807 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

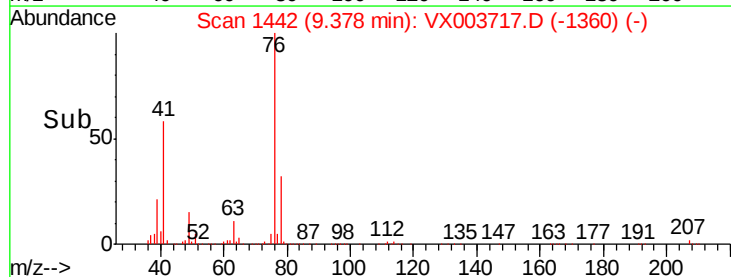
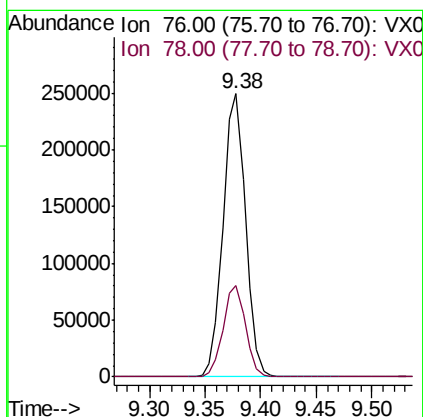
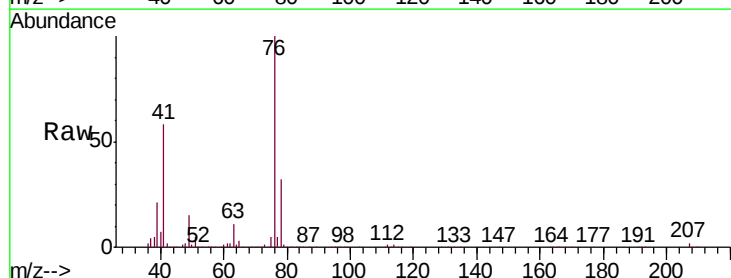
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

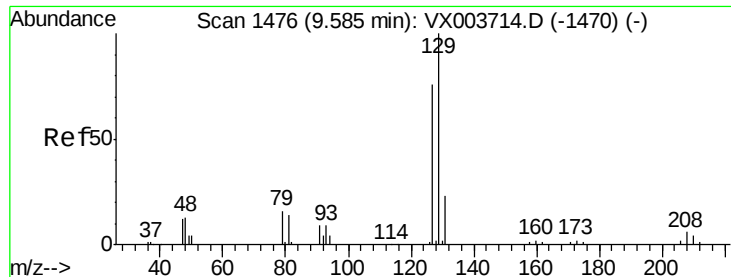
Tgt Ion: 69 Resp: 349233
Ion Ratio Lower Upper
69 100
41 65.9 39.1 117.3
39 32.5 21.7 65.1



#52
1,3-Dichloropropane
Concen: 139.990 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion: 76 Resp: 349037
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.4

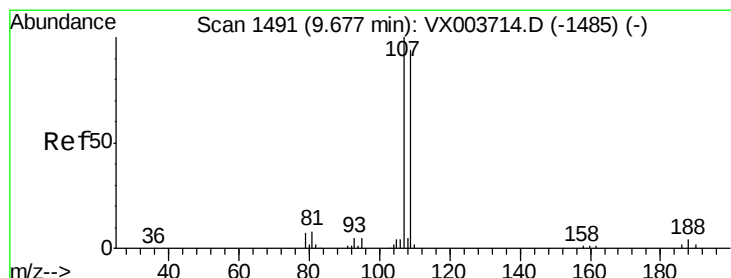
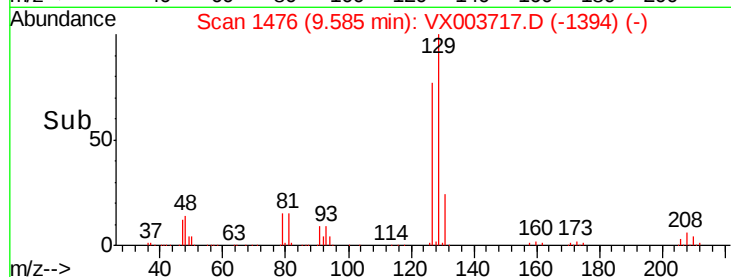
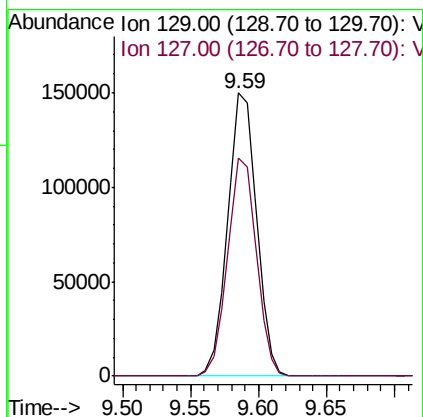
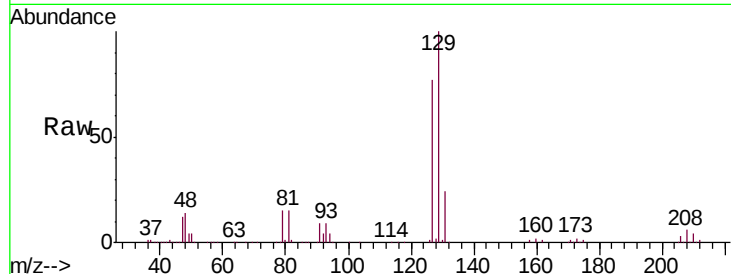




#53
 Dibromochloromethane
 Concen: 150.780 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

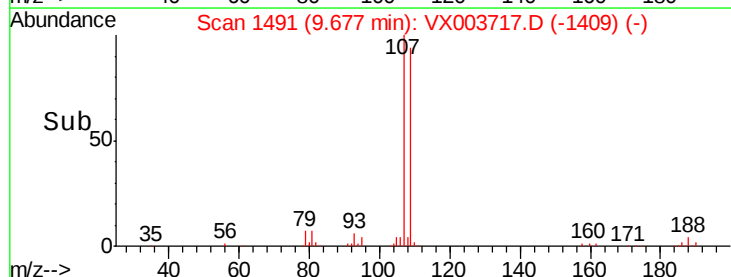
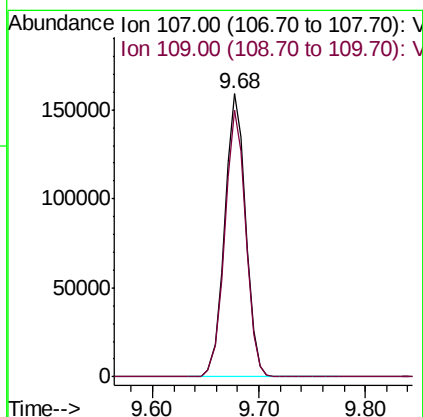
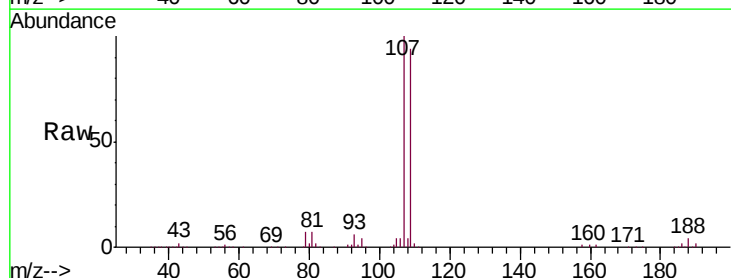
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

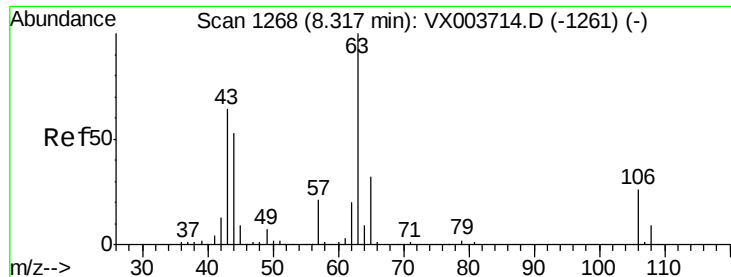
Tgt Ion:129 Resp: 221892
 Ion Ratio Lower Upper
 129 100
 127 77.0 38.5 115.3



#54
 1,2-Dibromoethane
 Concen: 140.346 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion:107 Resp: 219889
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.5 113.3

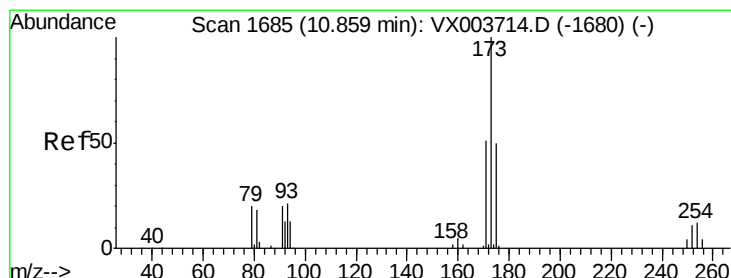
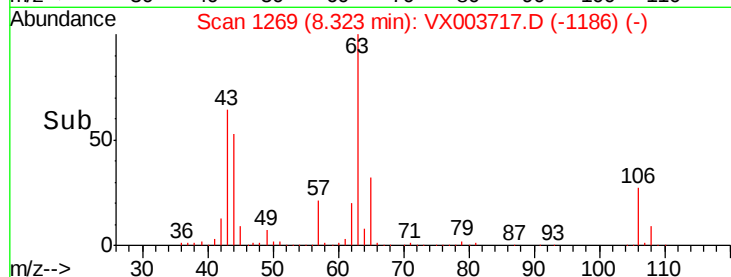
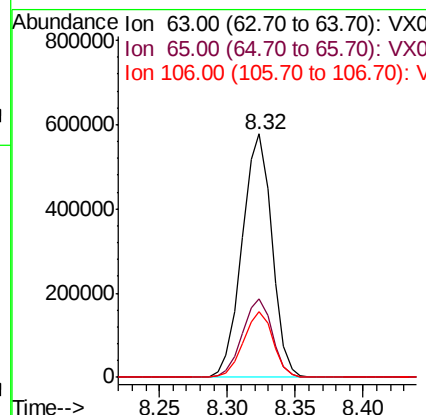
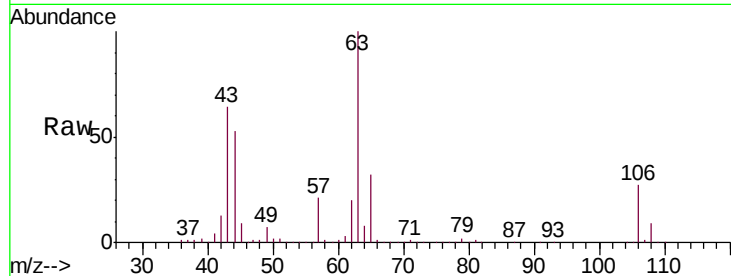




#55
2-Chloroethyl vinyl ether
Concen: 762.572 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

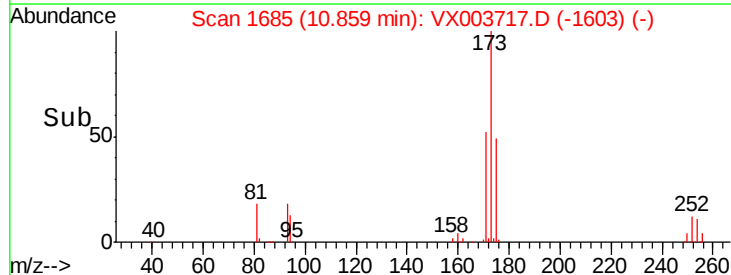
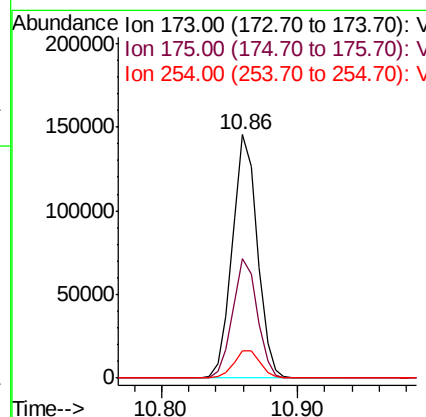
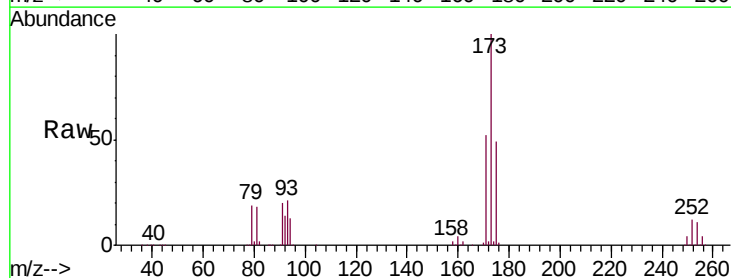
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

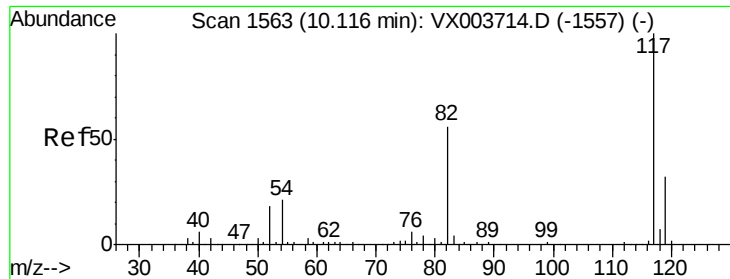
Tgt Ion: 63 Resp: 887295
Ion Ratio Lower Upper
63 100
65 32.4 25.6 38.4
106 26.9 21.6 32.4



#56
Bromoform
Concen: 162.677 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion: 173 Resp: 185786
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 12.0 9.6 14.4

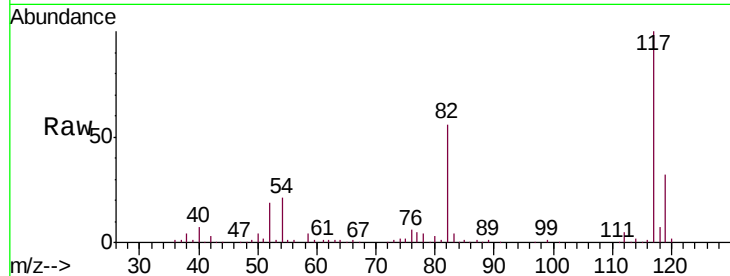




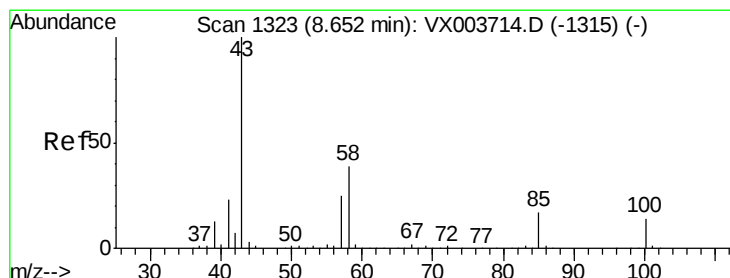
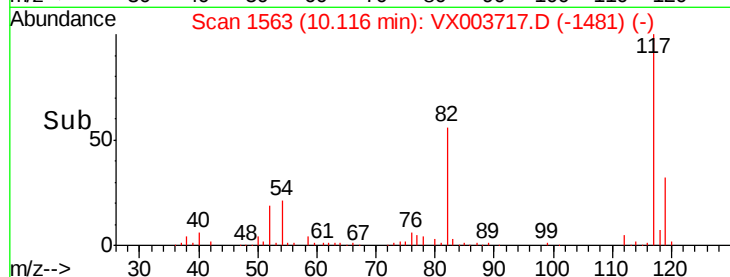
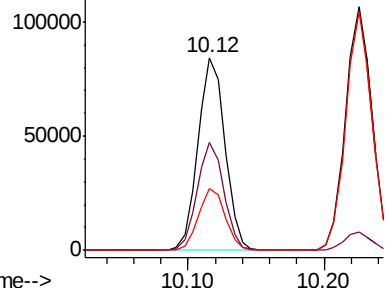
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 117 Resp: 116003
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 31.9 25.7 38.5

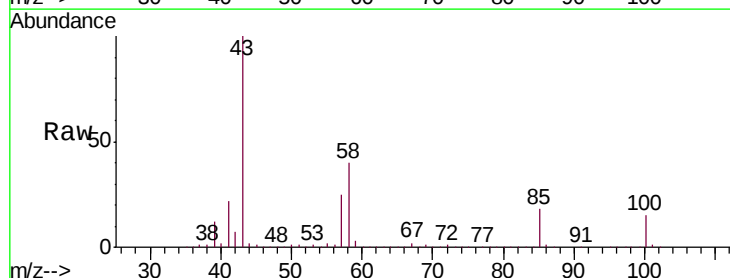


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

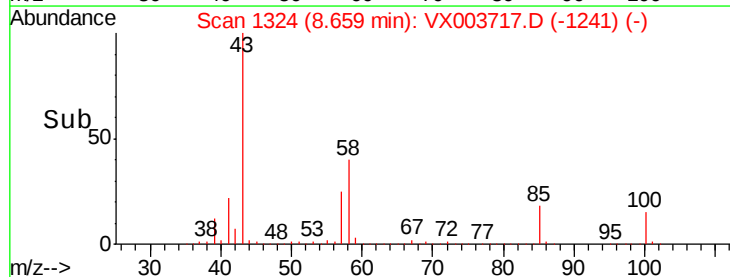
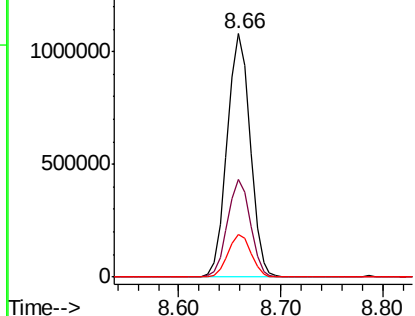


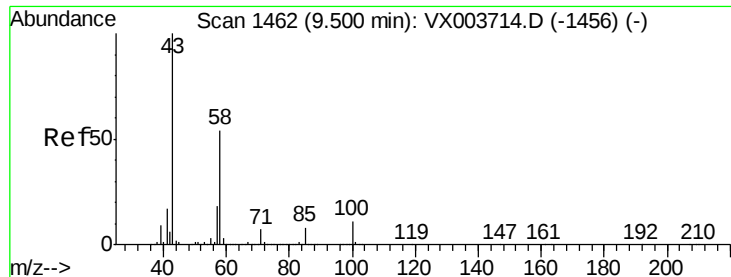
#58
4-Methyl-2-Pentanone
Concen: 772.618 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion: 43 Resp: 1692327
Ion Ratio Lower Upper
43 100
58 39.7 28.2 42.4
85 17.5 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

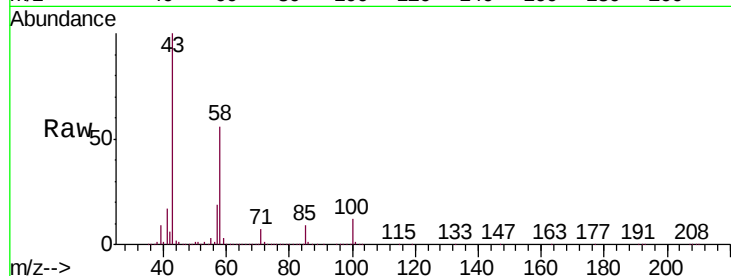




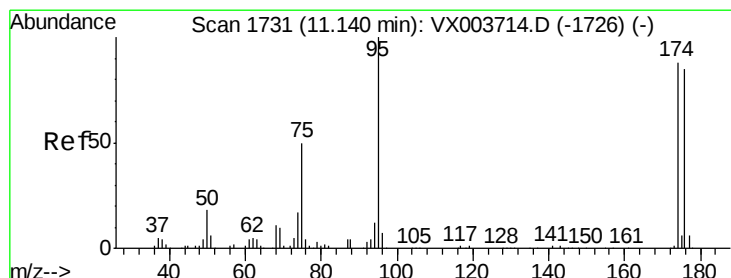
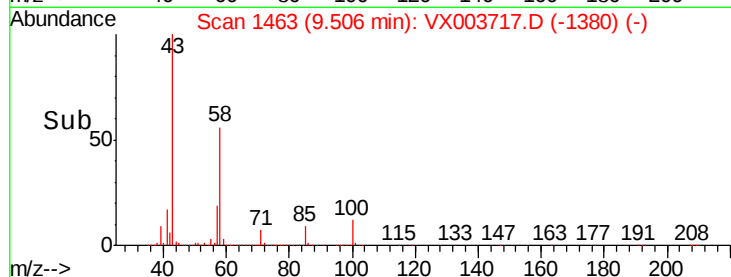
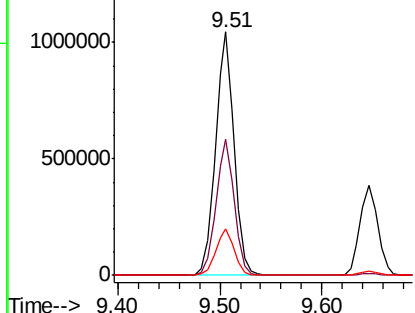
#59
2-Hexanone
Concen: 765.447 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1334986
Ion Ratio Lower Upper
43 100
58 55.1 39.6 59.4
57 19.1 14.1 21.1

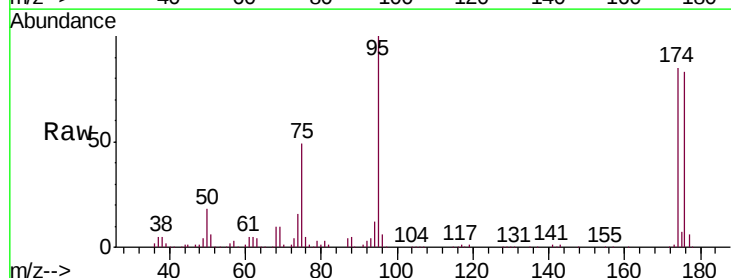


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

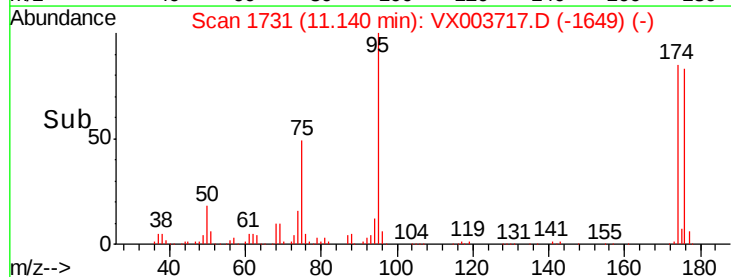
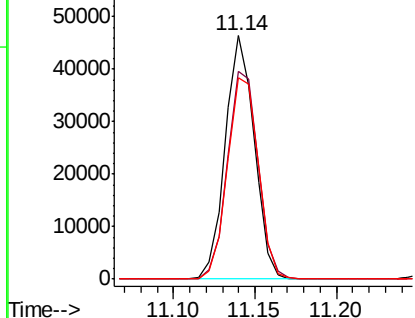


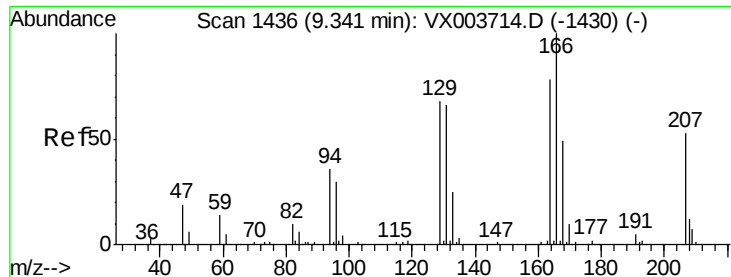
#60
4-Bromofluorobenzene
Concen: 30.805 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion: 95 Resp: 57539
Ion Ratio Lower Upper
95 100
174 89.7 71.8 107.6
176 88.0 70.1 105.1



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 142.133 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 191882

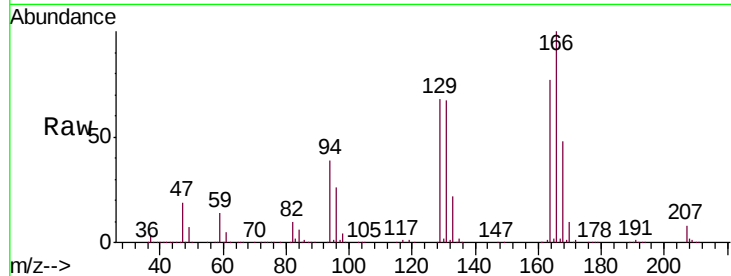
Ion Ratio Lower Upper

164 100

166 130.6 102.4 153.6

129 89.1 70.1 105.1

131 87.1 69.1 103.7

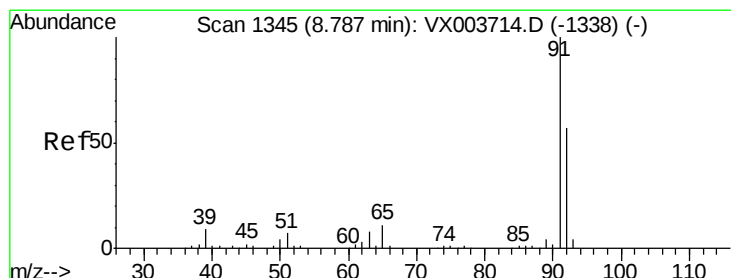
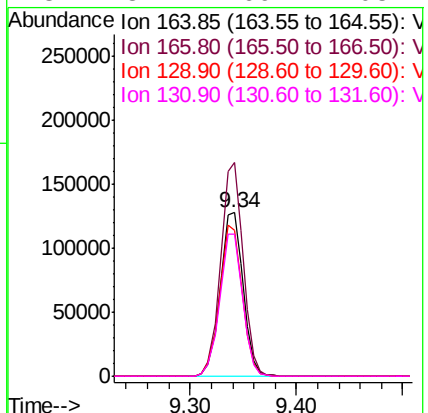
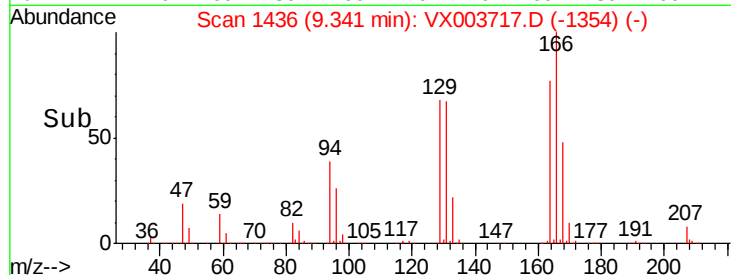


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 146.363 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003717.D

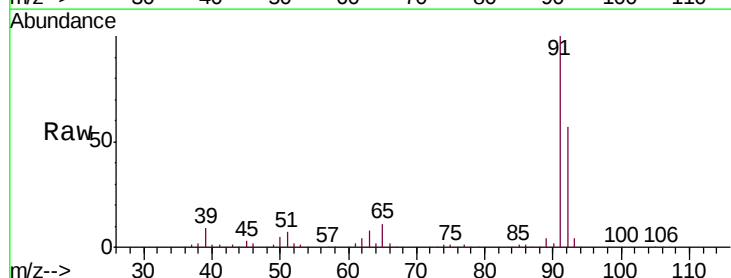
Acq: 27 Jul 2018 15:18

Tgt Ion: 91 Resp: 881242

Ion Ratio Lower Upper

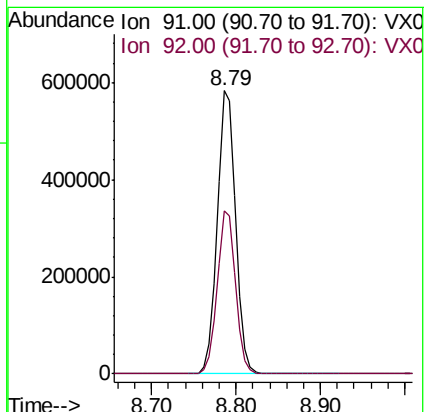
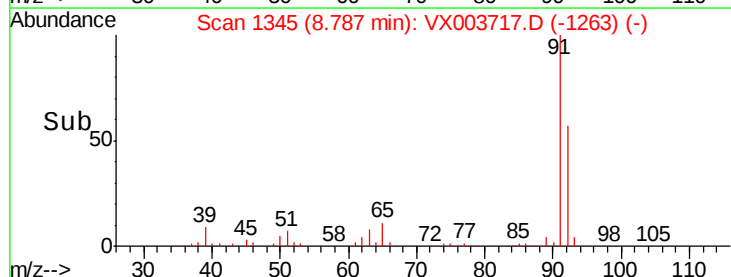
91 100

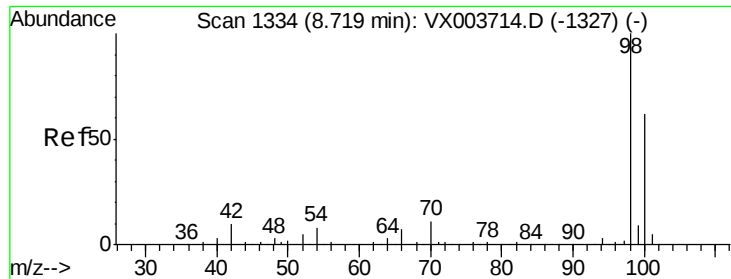
92 57.4 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

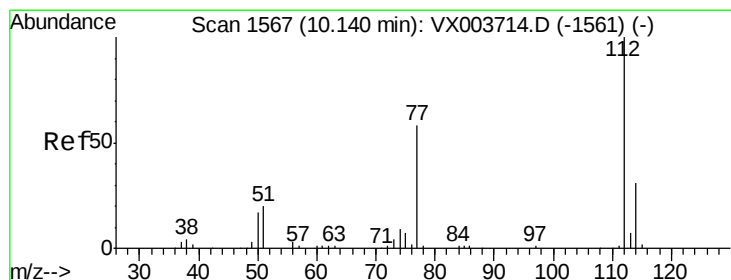
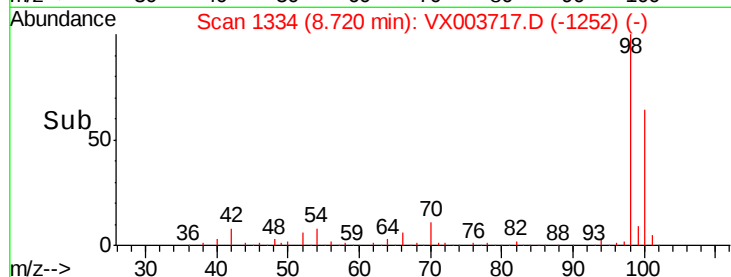
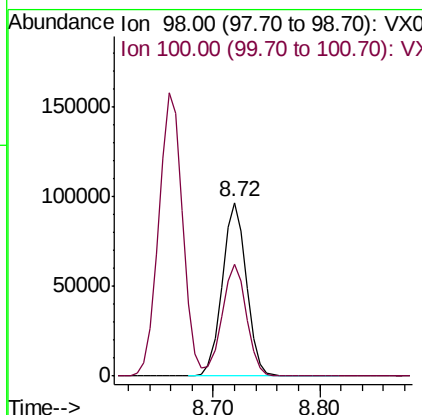
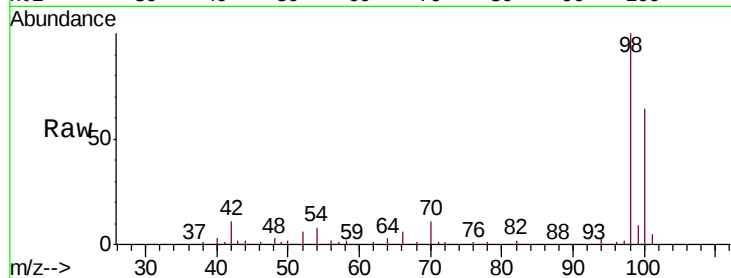




#63
Toluene-d8
Concen: 29.469 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

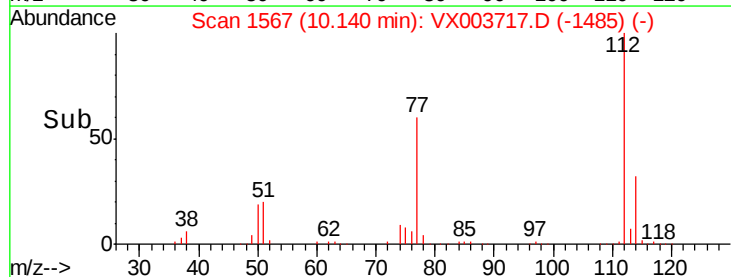
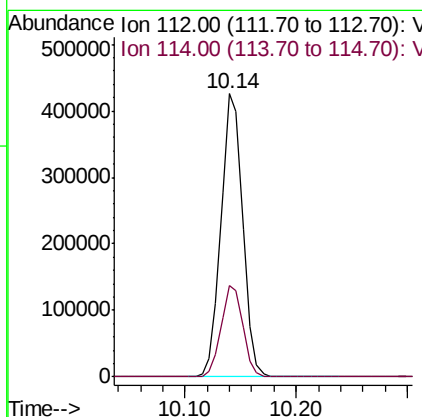
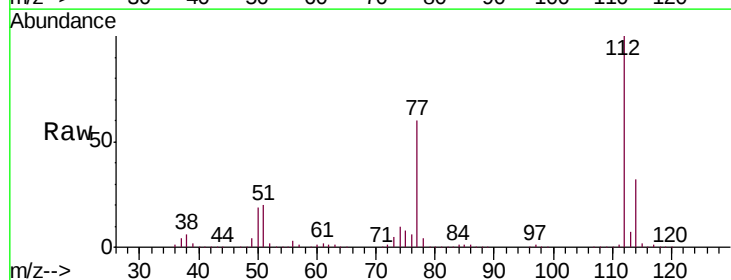
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

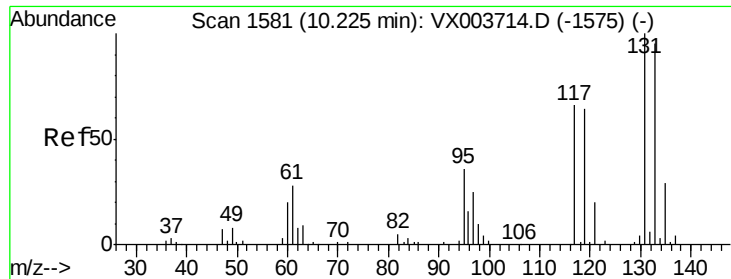
Tgt Ion: 98 Resp: 154000
Ion Ratio Lower Upper
98 100
100 64.9 50.8 76.2



#64
Chlorobenzene
Concen: 147.671 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion: 112 Resp: 574581
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 153.048 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

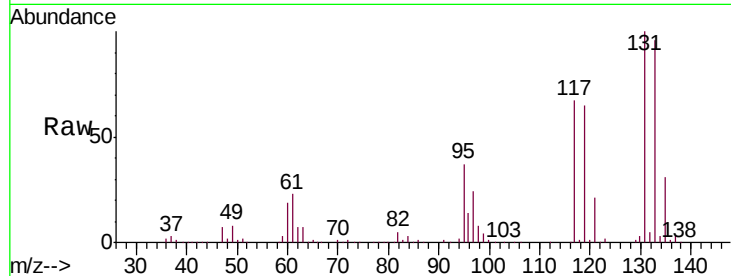
Tgt Ion: 131 Resp: 210711

Ion Ratio Lower Upper

131 100

133 95.8 0.0 191.2

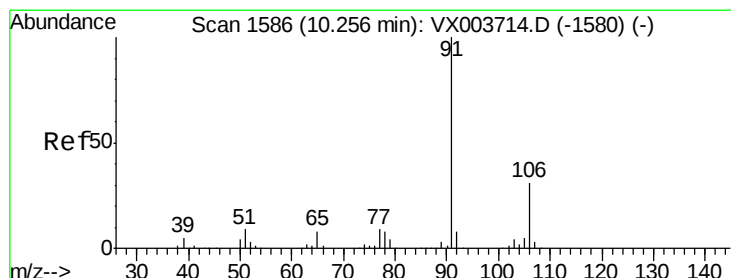
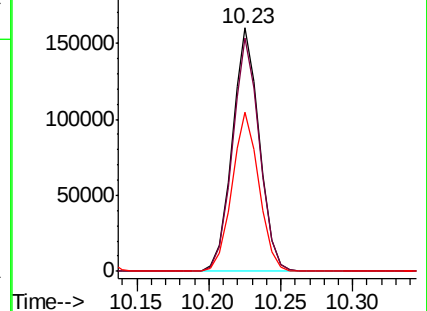
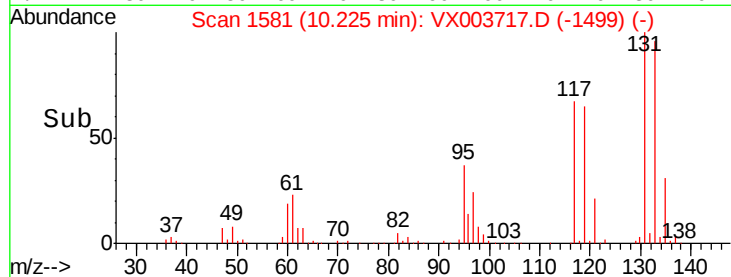
119 65.5 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 152.477 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003717.D

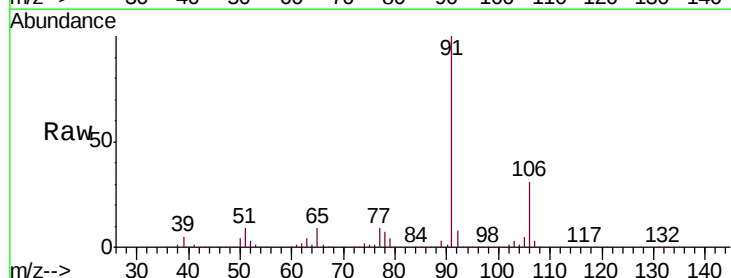
Acq: 27 Jul 2018 15:18

Tgt Ion: 91 Resp: 1010254

Ion Ratio Lower Upper

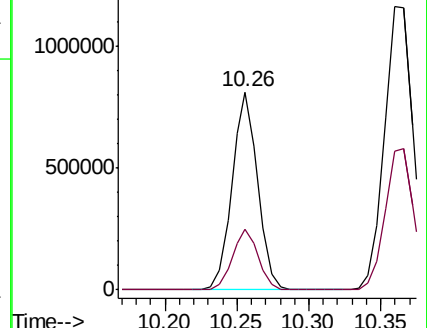
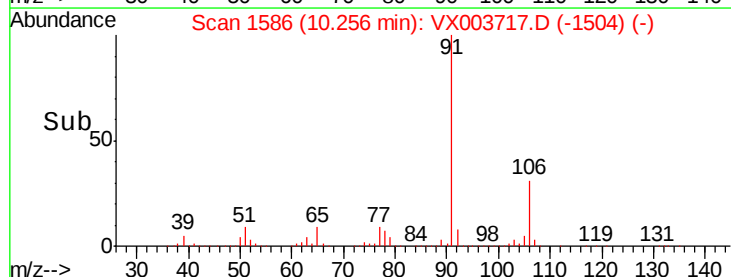
91 100

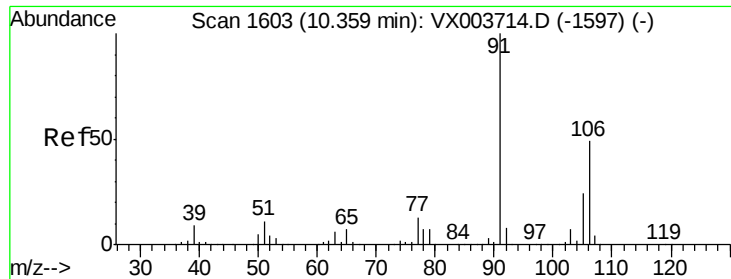
106 30.9 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

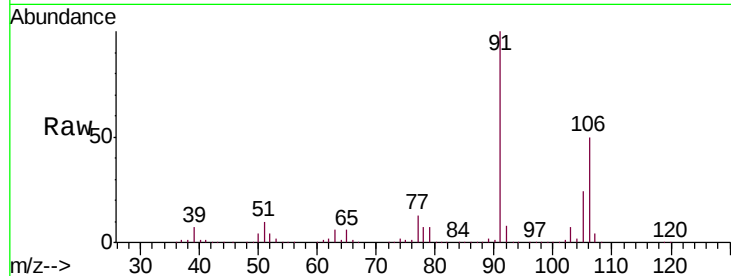




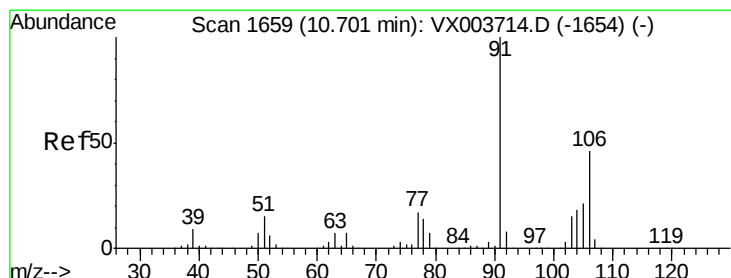
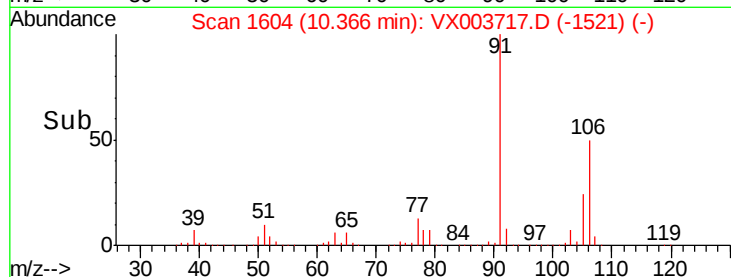
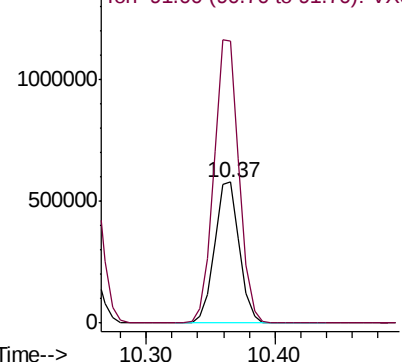
#67
m/p-Xylenes
Concen: 306.707 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 782710
Ion Ratio Lower Upper
106 100
91 202.3 164.1 246.1

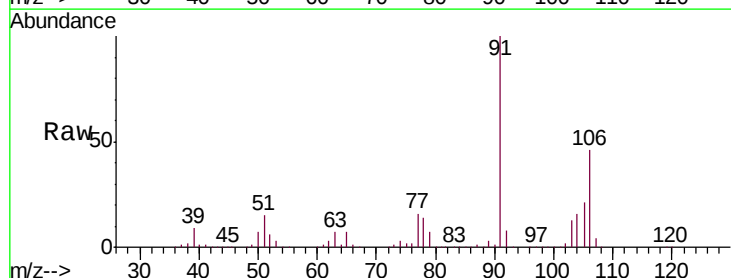


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

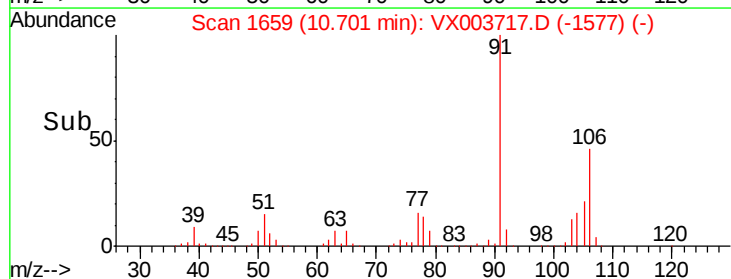
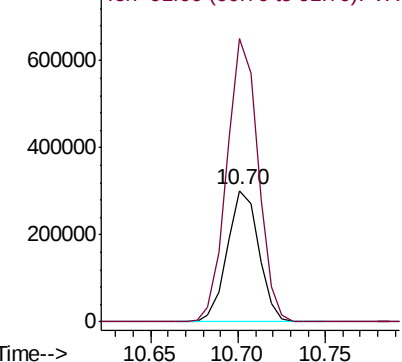


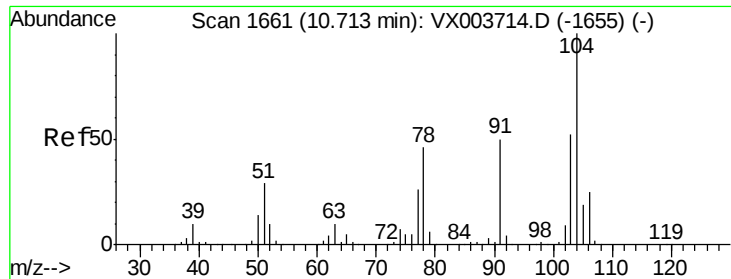
#68
o-Xylene
Concen: 155.776 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion:106 Resp: 380315
Ion Ratio Lower Upper
106 100
91 214.2 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

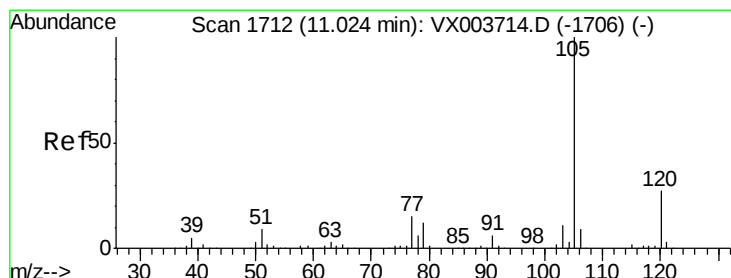
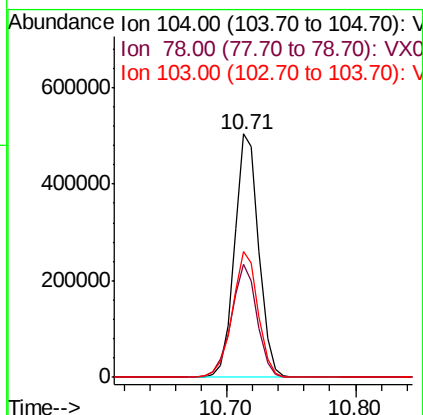
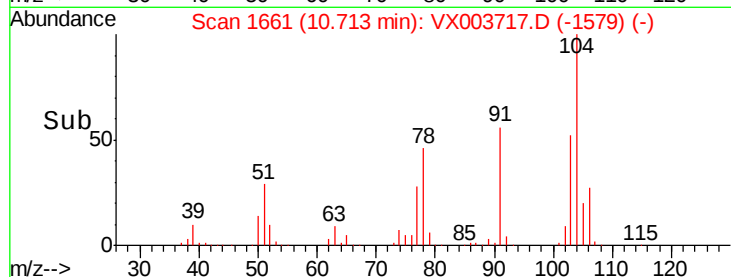
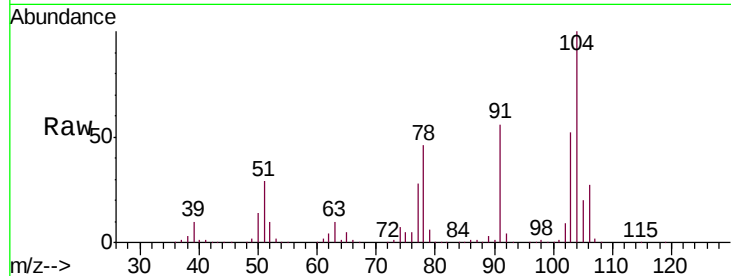




#69
Styrene
Concen: 158.284 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

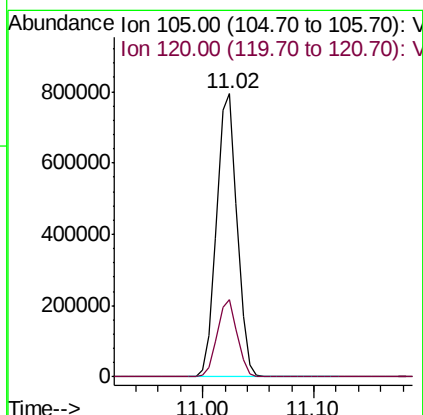
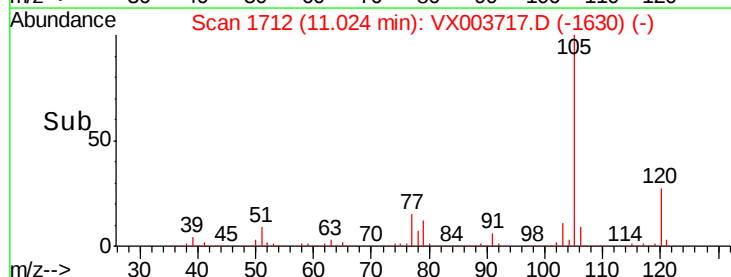
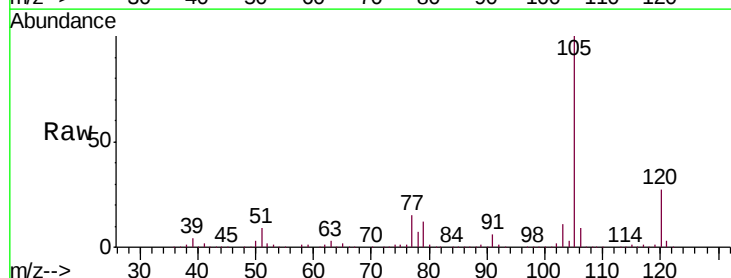
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

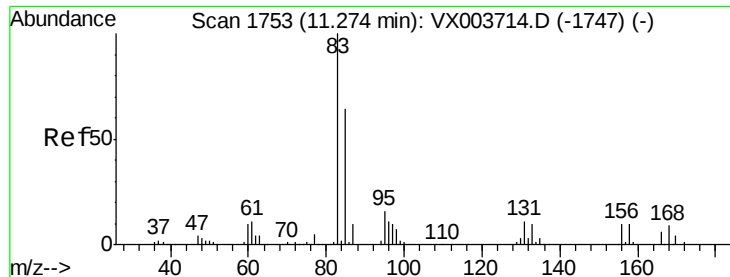
Tgt Ion:104 Resp: 654334
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 55.2 44.9 67.3



#70
Isopropylbenzene
Concen: 150.824 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion:105 Resp: 1013820
Ion Ratio Lower Upper
105 100
120 26.8 19.0 35.2

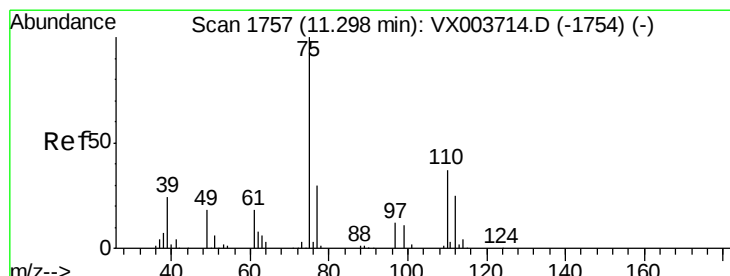
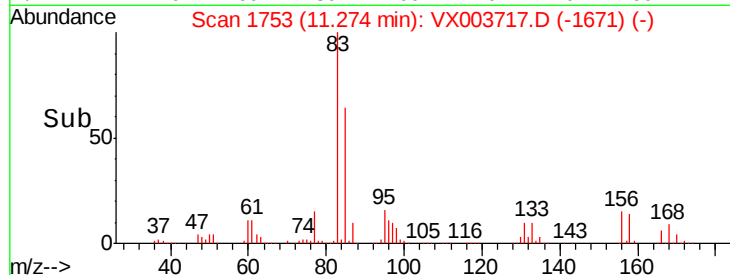
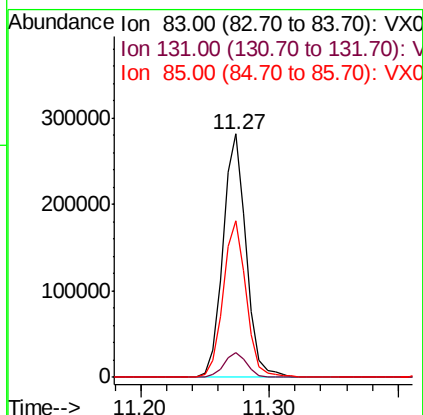
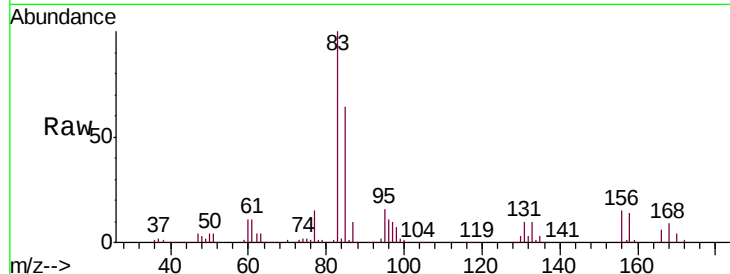




#71
 1,1,2,2-Tetrachloroethane
 Concen: 148.178 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

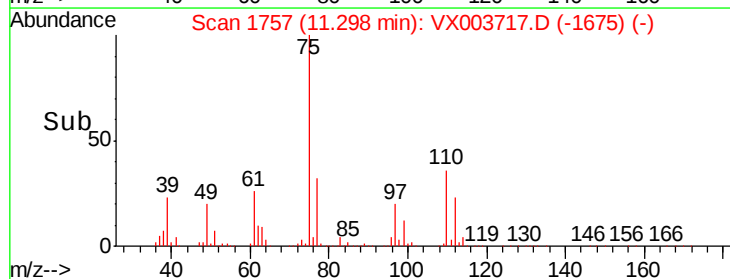
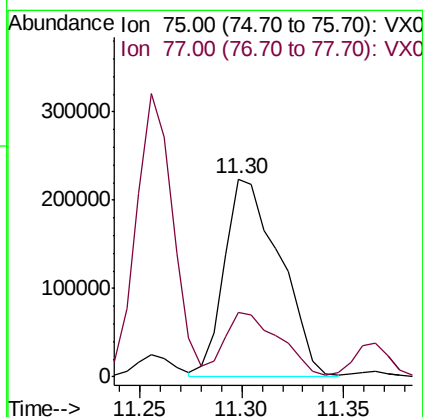
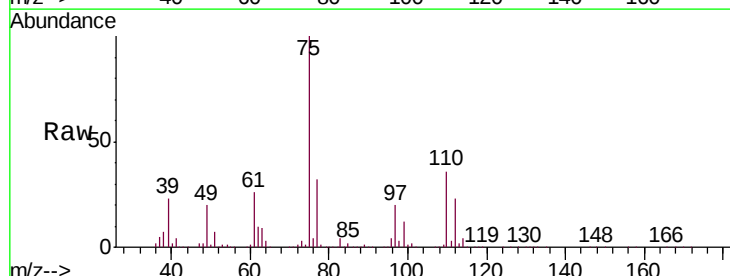
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

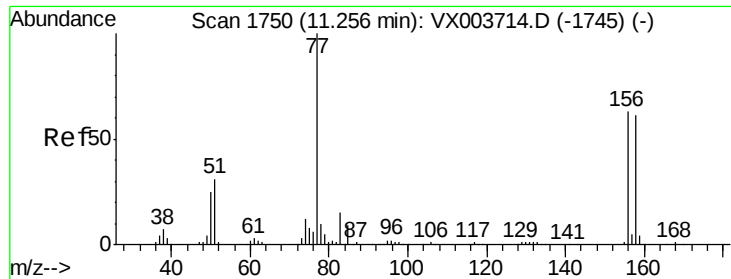
Tgt Ion: 83 Resp: 355561
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.4 16.2
 85 64.2 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 212.657 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion: 75 Resp: 424487
 Ion Ratio Lower Upper
 75 100
 77 32.0 0.0 71.8





#73

Bromobenzene

Concen: 147.580 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

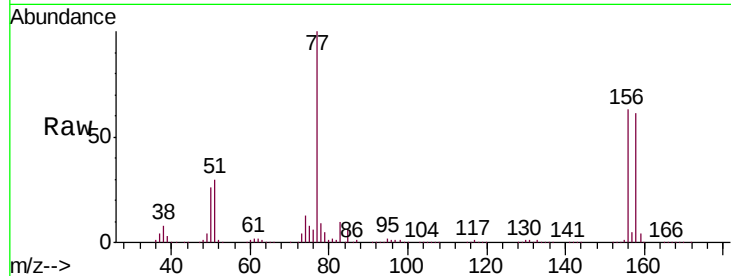
Tgt Ion:156 Resp: 267343

Ion Ratio Lower Upper

156 100

77 149.2 0.0 301.0

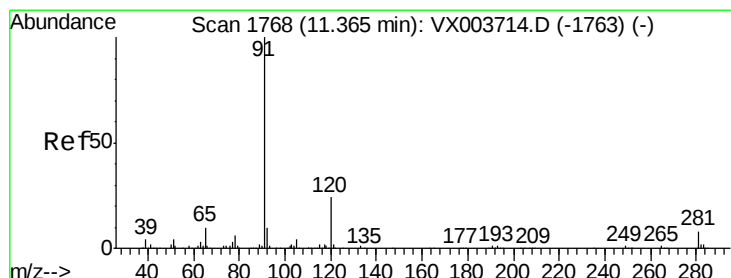
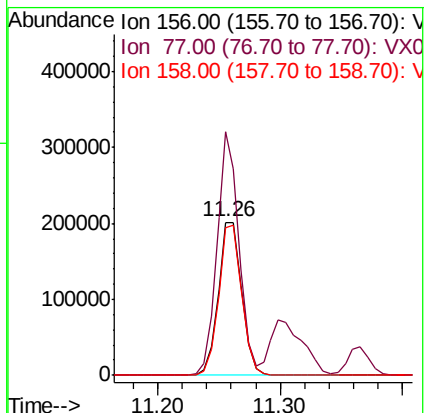
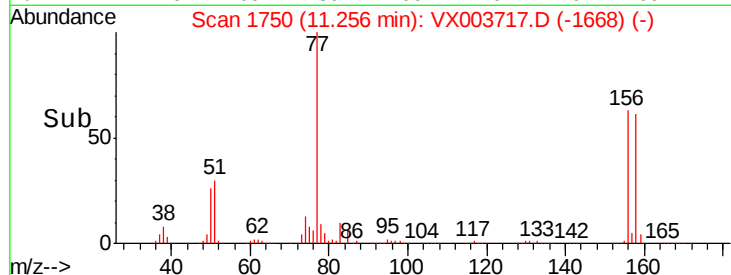
158 97.1 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 151.338 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003717.D

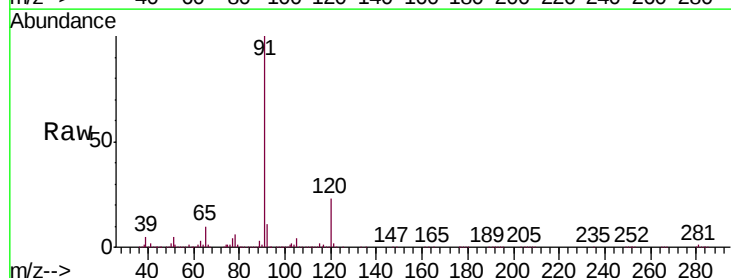
Acq: 27 Jul 2018 15:18

Tgt Ion: 91 Resp: 1198198

Ion Ratio Lower Upper

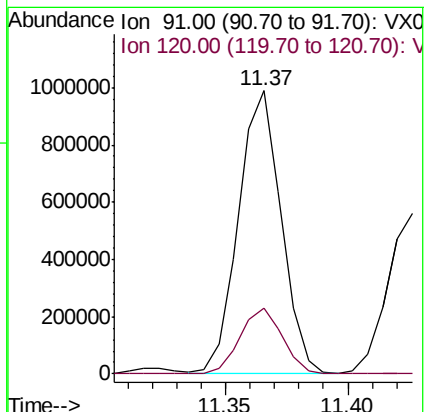
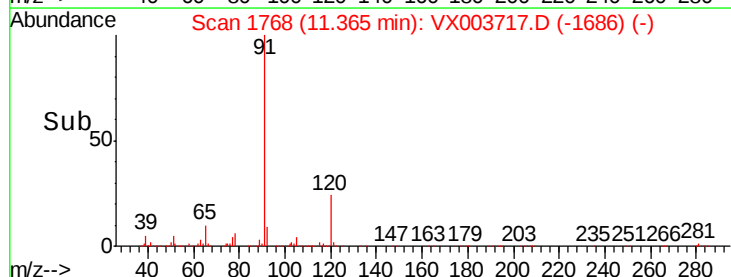
91 100

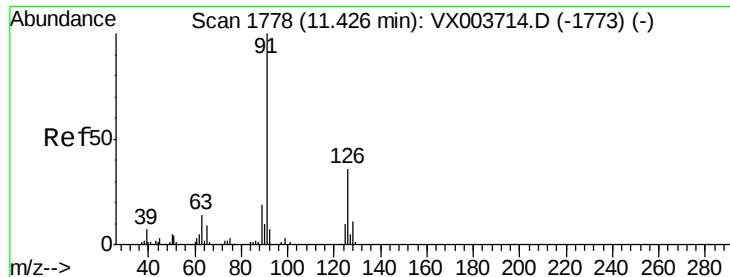
120 23.1 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 148.939 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampled :

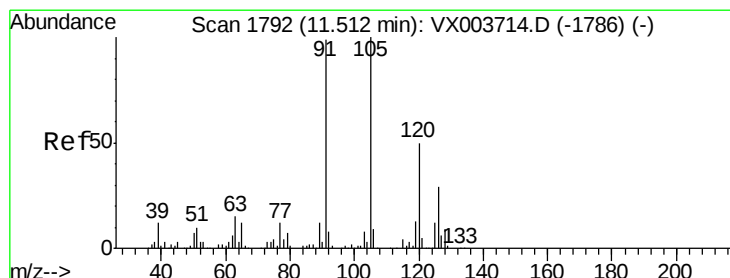
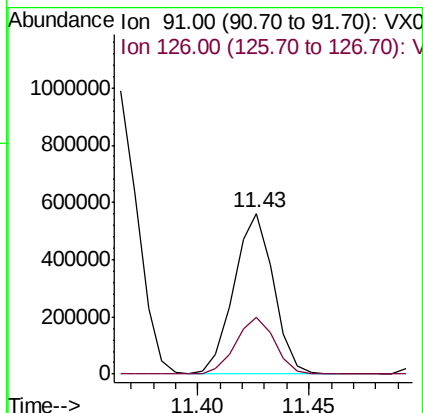
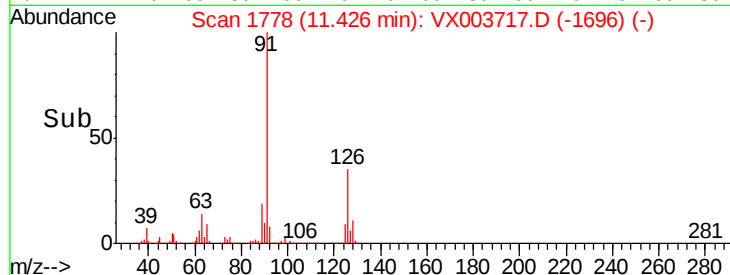
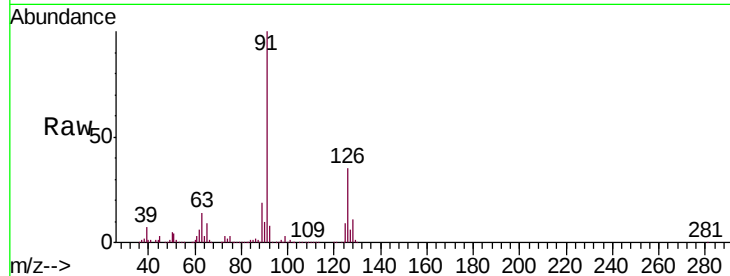
VSTDIC150

Tgt Ion: 91 Resp: 695022

Ion Ratio Lower Upper

91 100

126 34.8 0.0 69.4



#76

1,3,5-Trimethylbenzene

Concen: 154.429 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003717.D

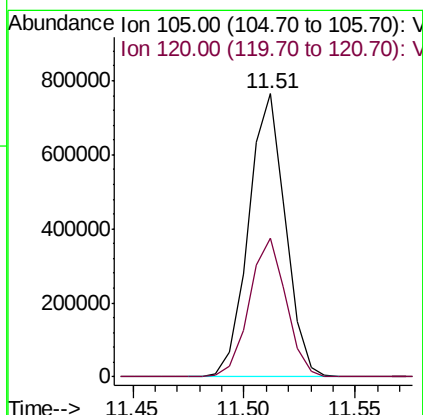
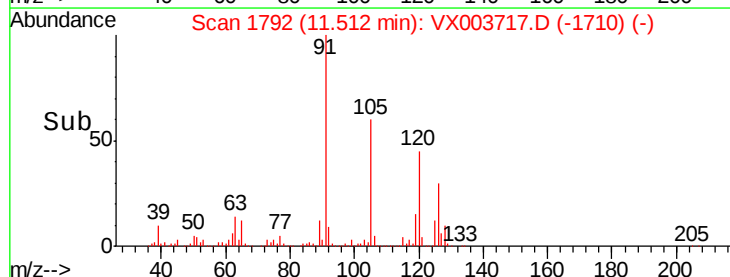
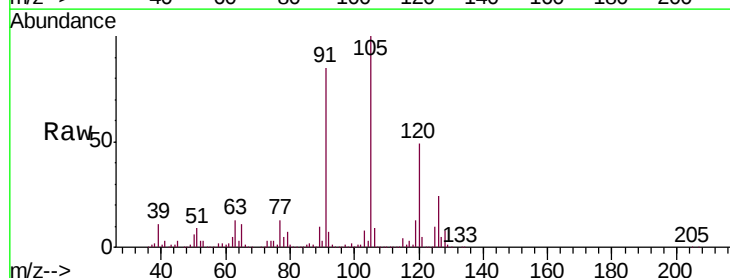
Acq: 27 Jul 2018 15:18

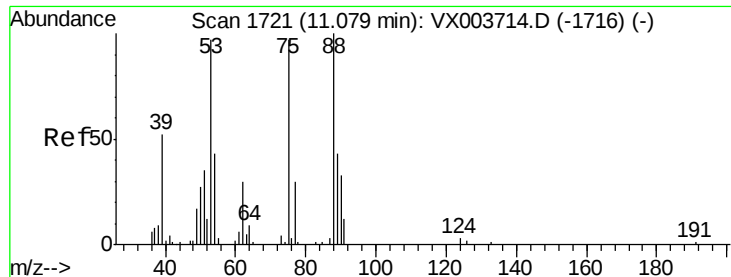
Tgt Ion: 105 Resp: 880799

Ion Ratio Lower Upper

105 100

120 48.8 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 170.692 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

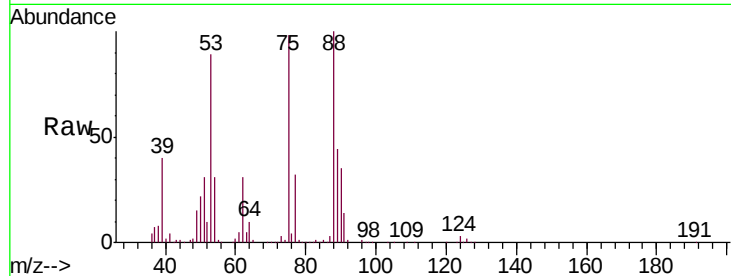
Tgt Ion: 75 Resp: 116104

Ion Ratio Lower Upper

75 100

53 90.9 48.3 144.9

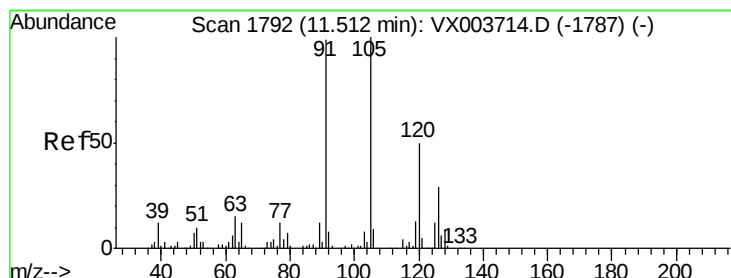
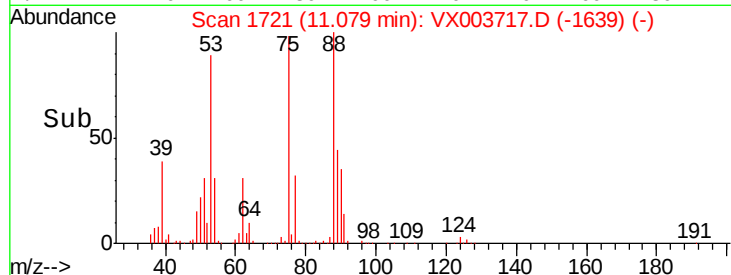
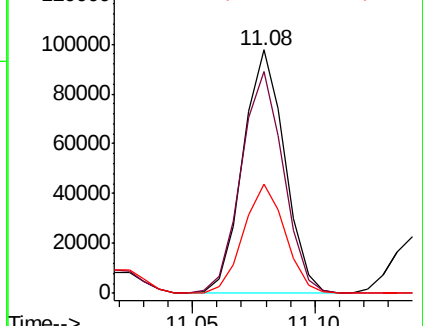
89 45.0 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 152.523 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003717.D

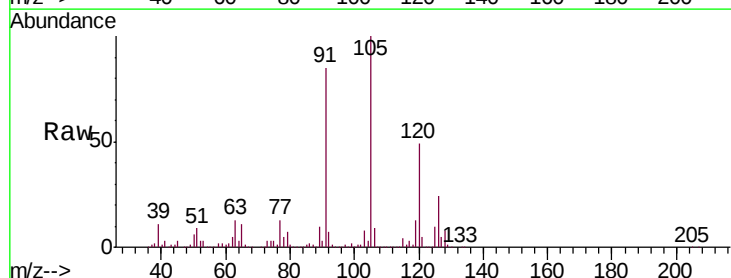
Acq: 27 Jul 2018 15:18

Tgt Ion: 91 Resp: 832779

Ion Ratio Lower Upper

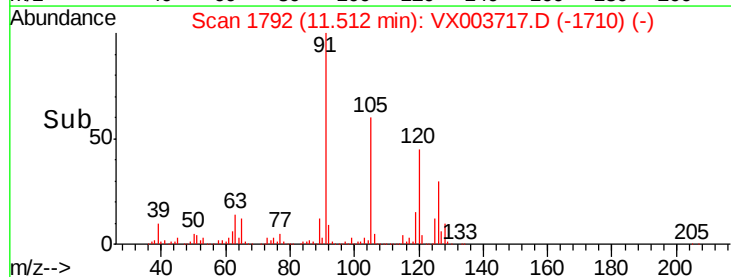
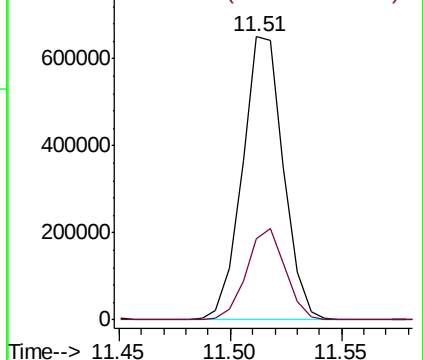
91 100

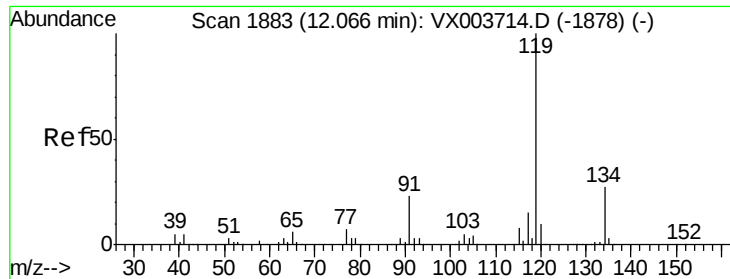
126 30.6 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

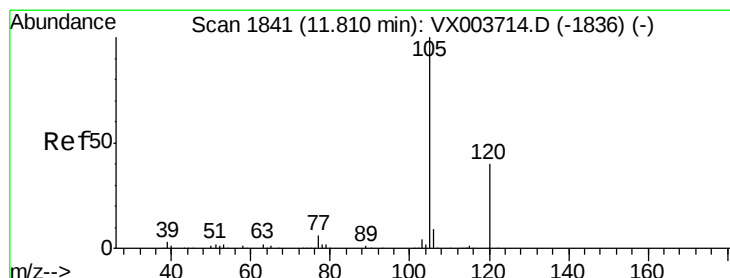
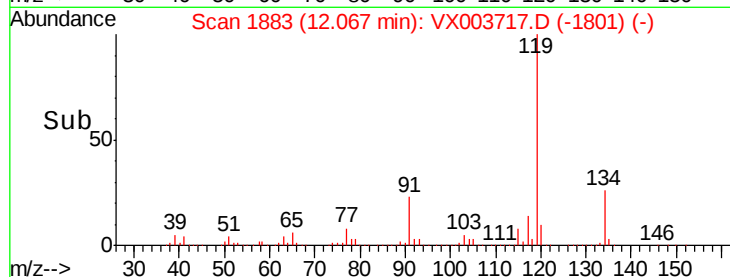
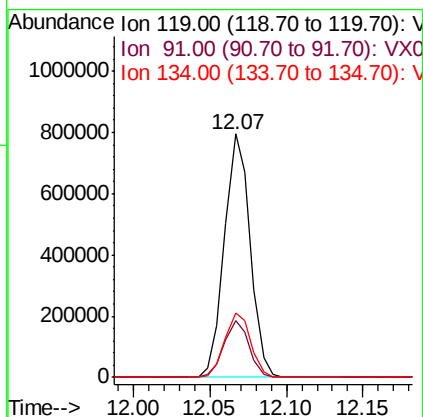
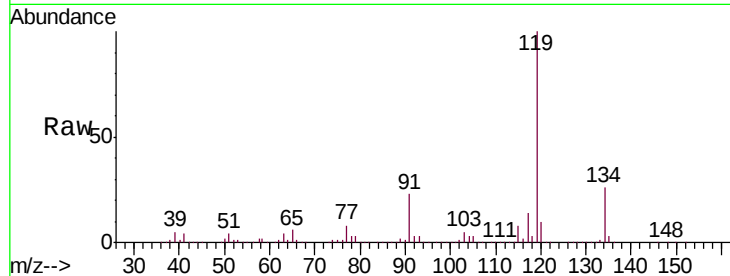




#79
tert-butylbenzene
Concen: 157.977 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

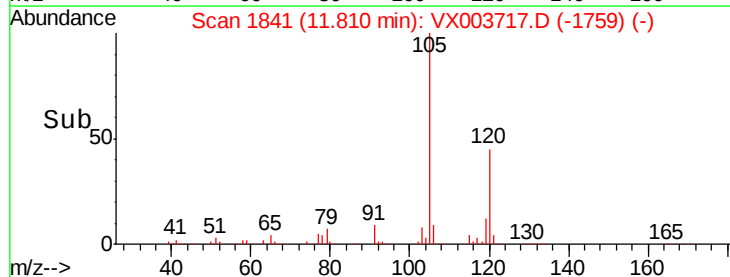
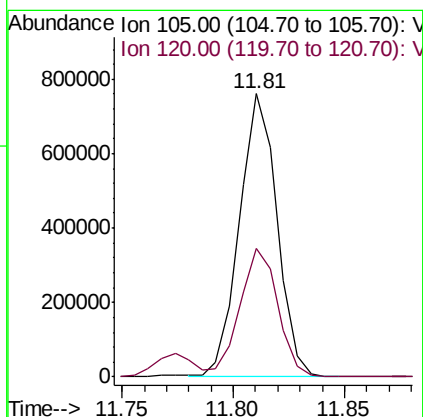
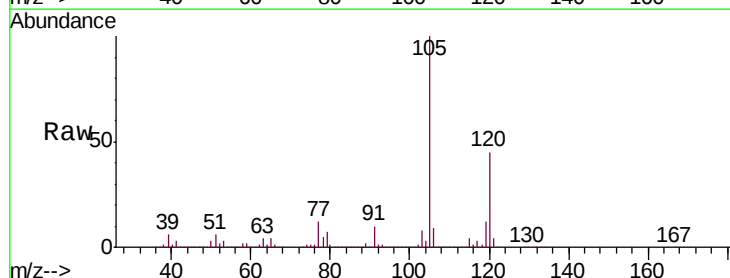
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

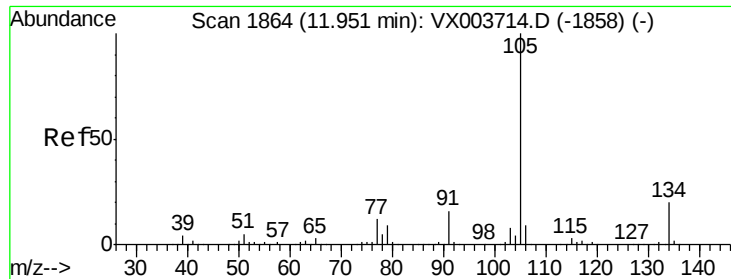
Tgt Ion:119 Resp: 927089
Ion Ratio Lower Upper
119 100
91 22.9 0.0 48.0
134 26.6 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 153.908 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion:105 Resp: 898389
Ion Ratio Lower Upper
105 100
120 45.8 0.0 89.2

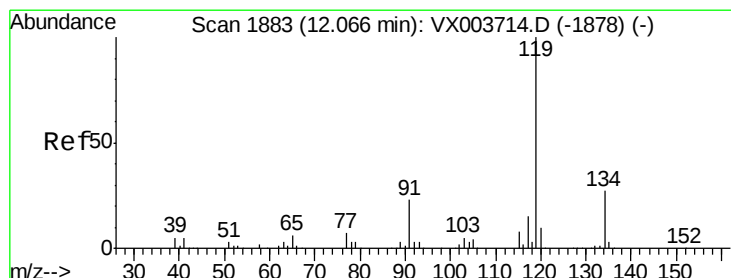
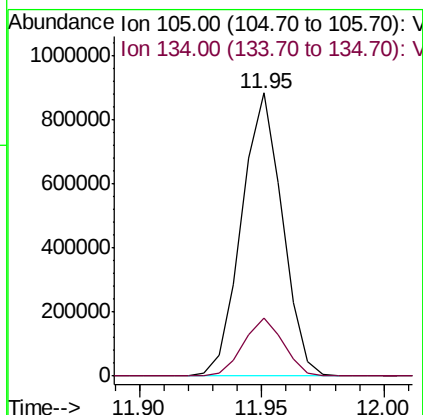
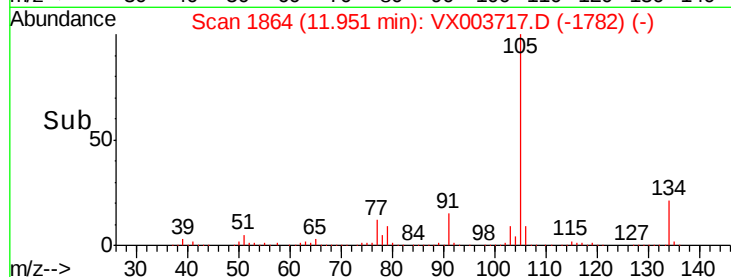
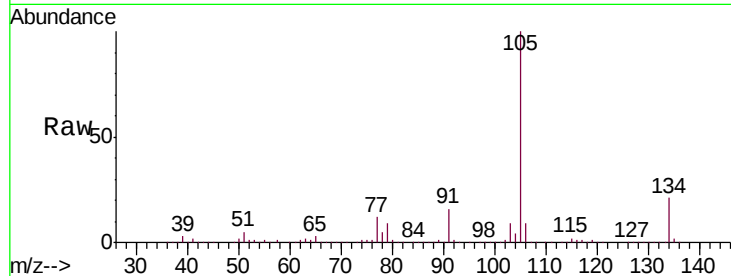




#81
 sec-Butylbenzene
 Concen: 154.712 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

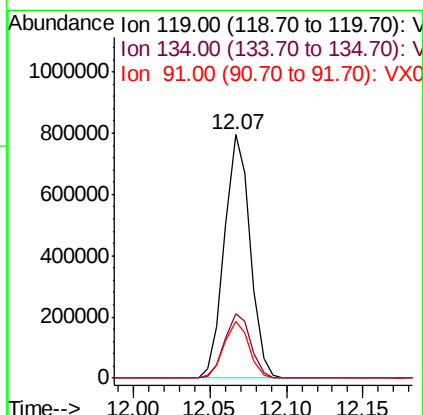
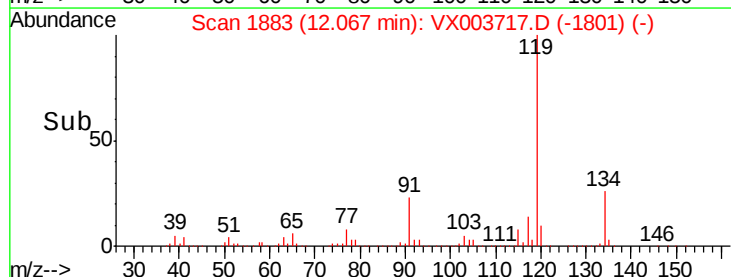
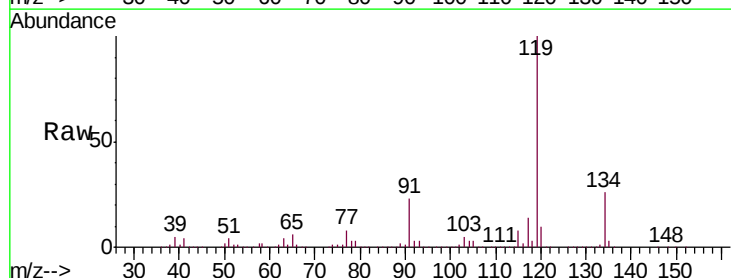
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

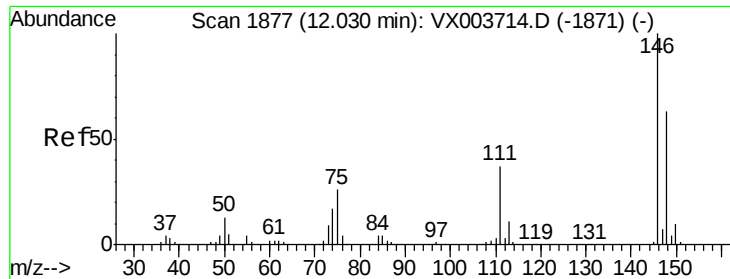
Tgt Ion:105 Resp: 1027632
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 157.977 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion:119 Resp: 927089
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.6
 91 22.9 0.0 48.0

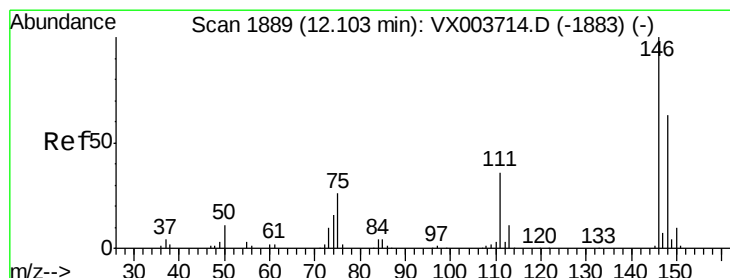
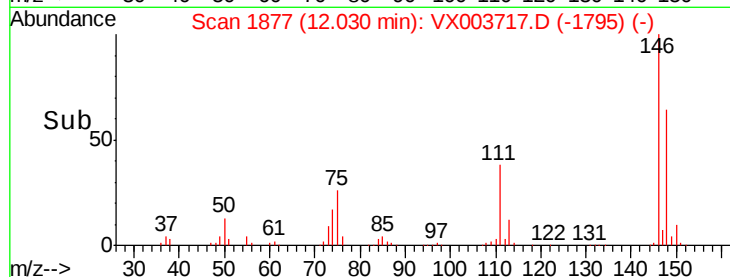
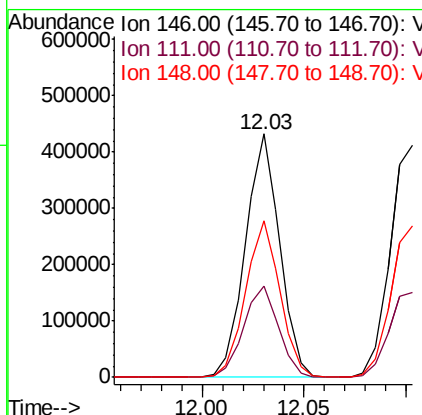
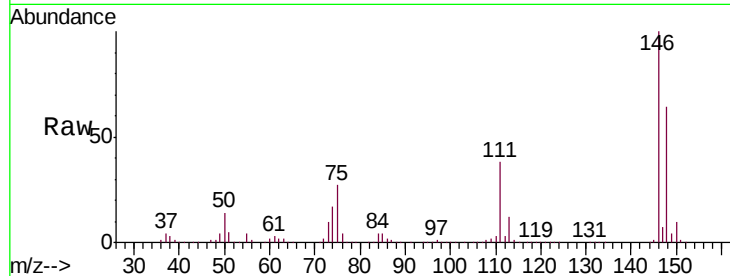




#83
 1,3-Dichlorobenzene
 Concen: 152.630 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

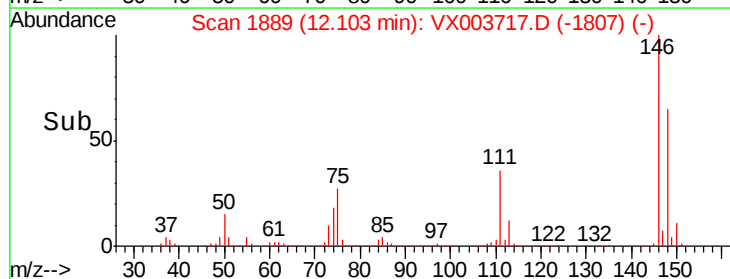
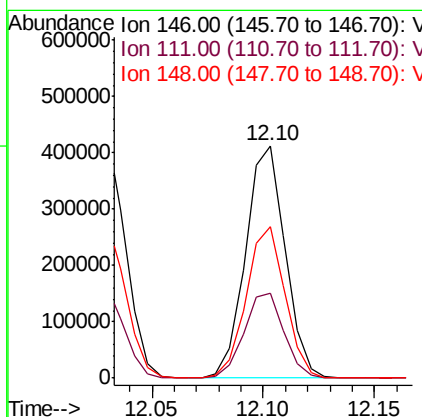
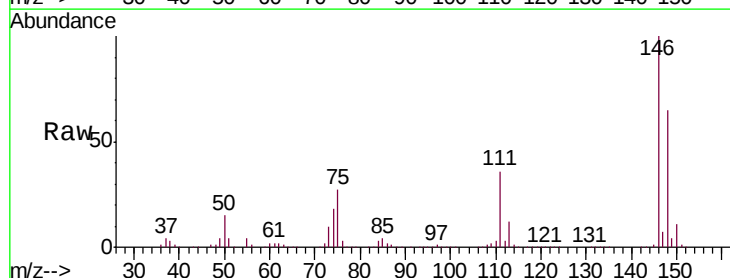
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

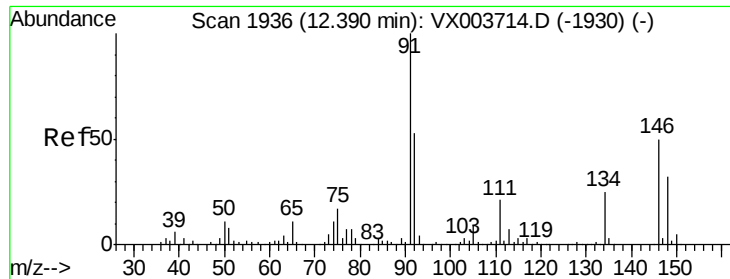
Tgt Ion:146 Resp: 504933
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 64.2 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 153.466 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion:146 Resp: 511157
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.5 55.5
 148 64.3 32.0 96.0

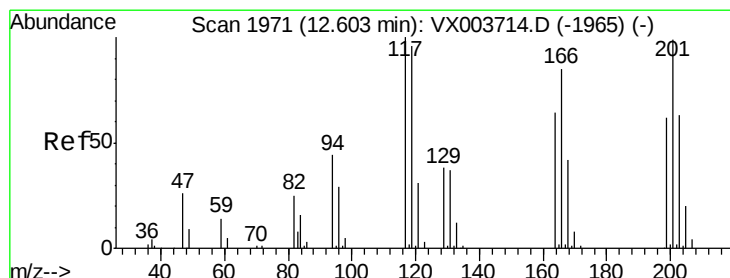
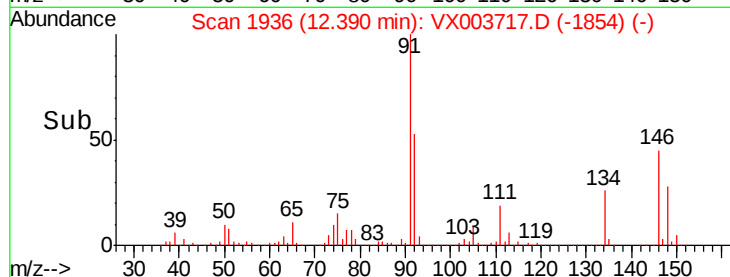
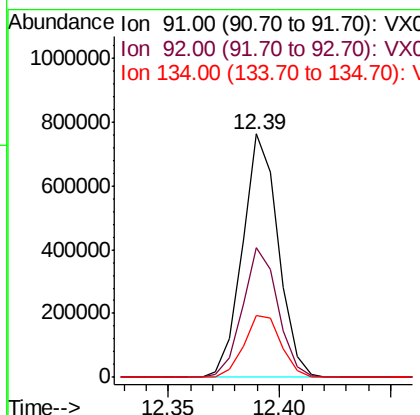
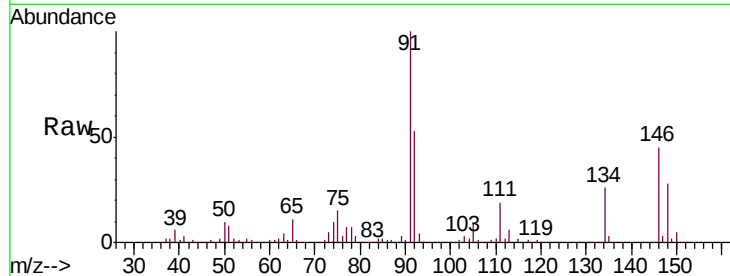




#85
n-Butylbenzene
Concen: 163.780 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

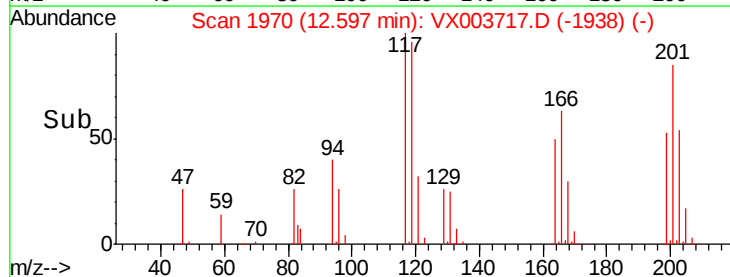
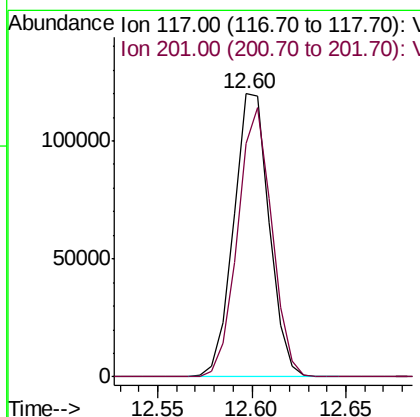
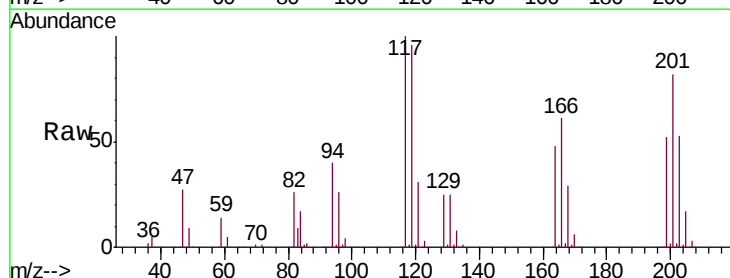
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

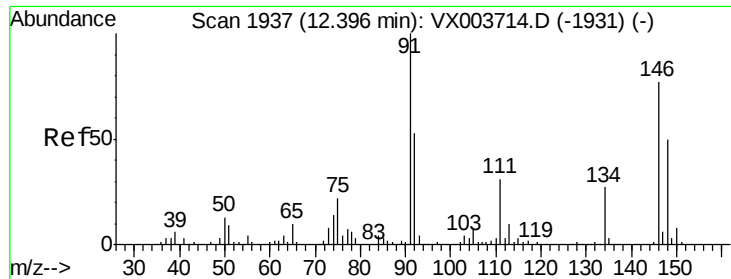
Tgt Ion: 91 Resp: 853143
Ion Ratio Lower Upper
91 100
92 52.9 0.0 105.2
134 26.7 0.0 53.2



#86
Hexachloroethane
Concen: 165.751 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion: 117 Resp: 156747
Ion Ratio Lower Upper
117 100
201 91.4 47.6 142.8

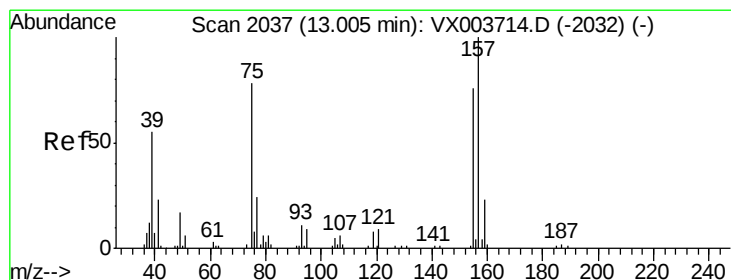
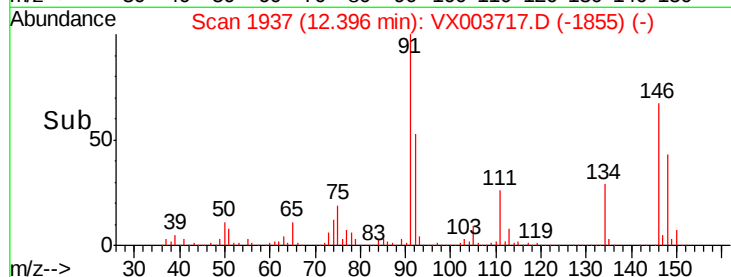
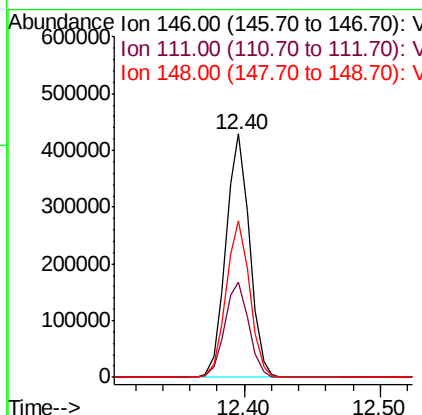
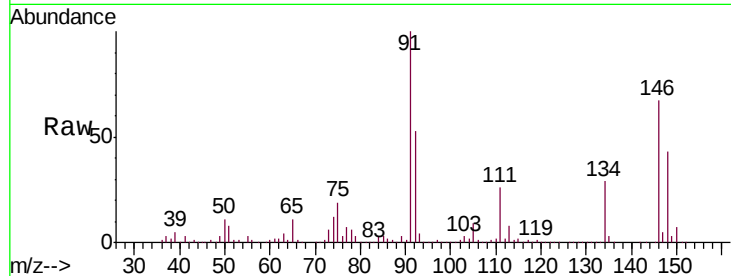




#87
 1,2-Dichlorobenzene
 Concen: 155.264 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

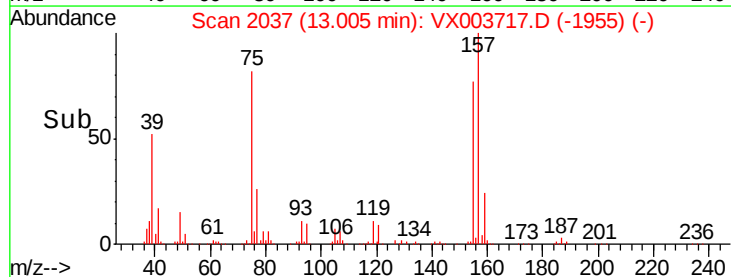
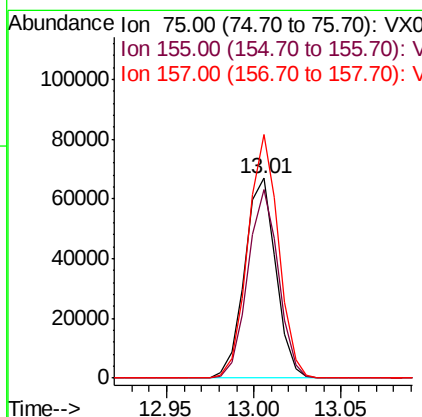
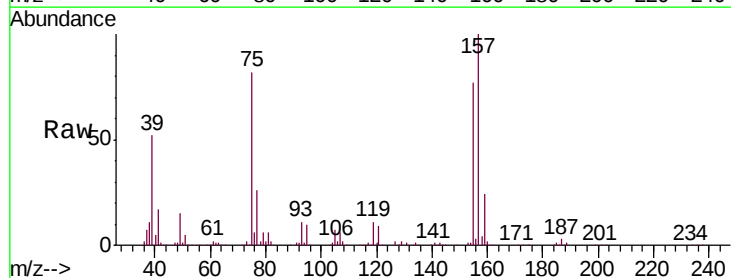
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

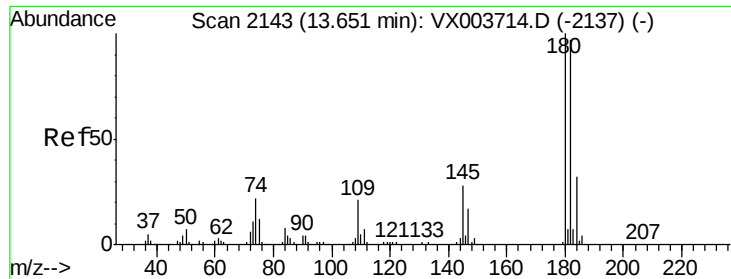
Tgt Ion:146 Resp: 515639
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 64.2 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 163.814 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion: 75 Resp: 82967
 Ion Ratio Lower Upper
 75 100
 155 92.5 73.1 109.7
 157 119.3 93.1 139.7

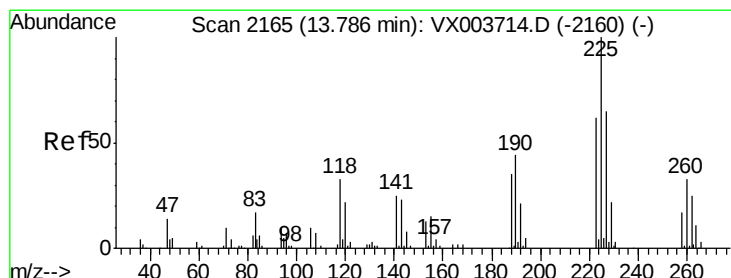
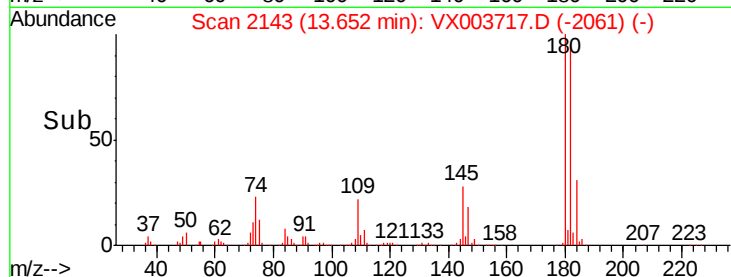
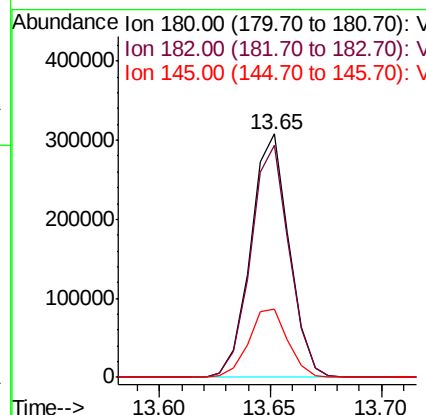
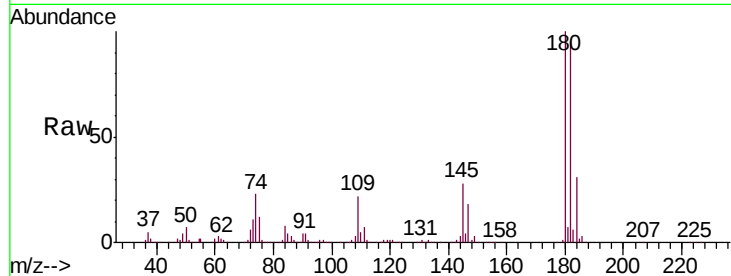




#89
 1,2,4-Trichlorobenzene
 Concen: 158.868 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

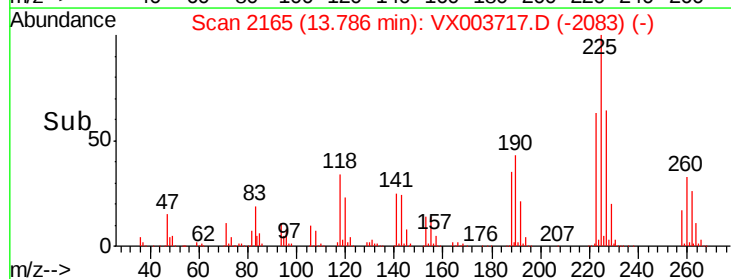
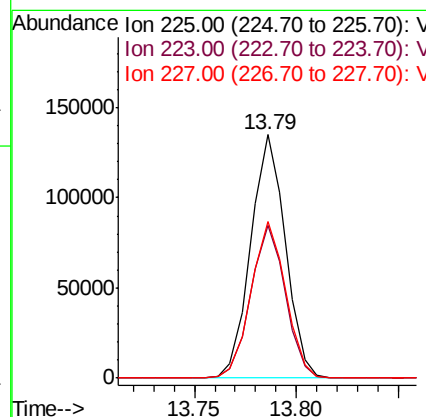
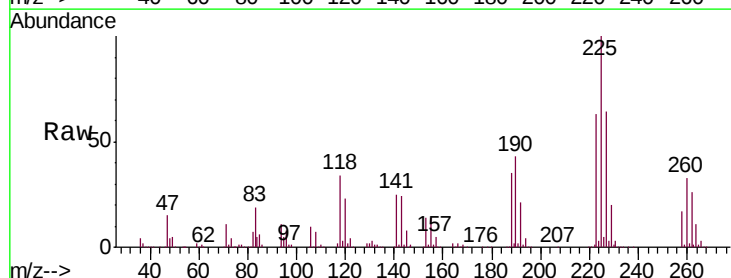
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

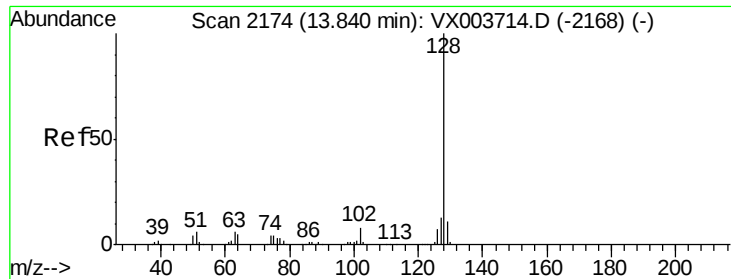
Tgt Ion:180 Resp: 370457
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.4 114.6
 145 28.7 22.9 34.3



#90
 Hexachlorobutadiene
 Concen: 150.822 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion:225 Resp: 159421
 Ion Ratio Lower Upper
 225 100
 223 62.8 0.0 122.4
 227 64.2 0.0 128.0

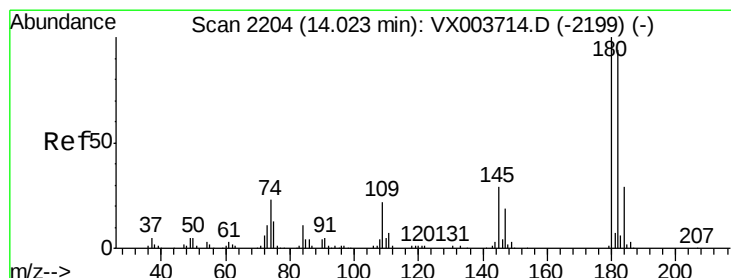
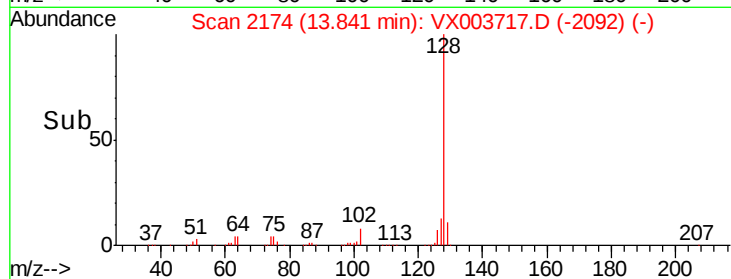
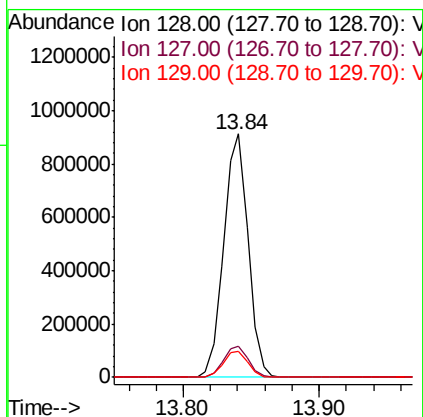
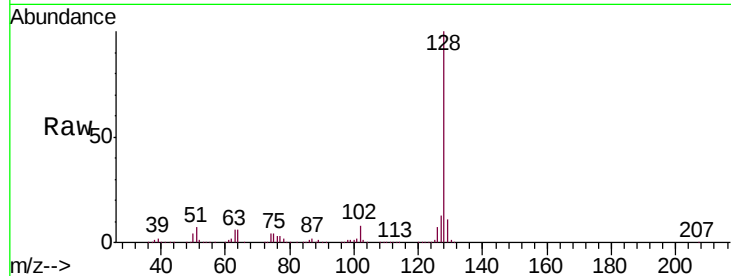




#91
Naphthalene
Concen: 158.273 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 1127954
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 149.190 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion:180 Resp: 354260
Ion Ratio Lower Upper
180 100
182 95.2 0.0 191.0
145 30.6 0.0 60.6

